2 0 2001 GOT COA ASA TOT COT TGT SOT TOO ATA TOT TOO CAG AAC PADEMARK hr ala pro thr ser pro cys pro ser ile ser ser gin asn TWA AGE TOO TOO TOO AGE TTO CAS SAC CAS AAD ATO SEE AGE ATS TTO SAT CGS ACT TOO ser ser ser bys ser ser phe glm asp alm lys ile ala ser met phe asp arg thr ser Cadherin 121 151 xx EC metif xx| AGA GTA CCC 300 AGC AGC ACT TOO TOA CCG GG3 CTC CTC TTC ACA GAA CTG GCT GCC and val pro ala ser ser thr ser ser pro gly leu leu phe thr glu leu ala ala ala 211 CTG GAT GCC BAA BGG GAA GGA ATC ABC BAA GTA CAA AGG AAA GCT BTC AGT BCA ATT CAD leu asp ala glu gly glu gly ile ser glu val gln arg lys ala val ser ala ile his 271 AGO CTG CTA AGT TCT CAC GAC CTG GAC CCA CGC TGT GTC AAA CCA GAG GTG AAG GTC AAA ser leu leu ser ser nis asp leu asp pro dry cys val lys pro glu val lys val lys 331 ATC GCC GCC CTT TAC CTA CCT TTA GTT GGC ATC ATT TTG GAT GCT TTG CCA CAG CTC TGT tle ala ala leu tyr leu pro leu val gly ile ile leu asp ala leu pro glm leu cys GAC TIT ACA GIT GCA GAT ACT CGC AGA TAC CGC ACC AGT GGC TC3 GAT GAA GAA GAA GAA asp phe thrival ala asp thriang and tyriang thriser gly ser asp glu glu glu glu 421 451 GGA GCC 3GT GCC ATT ACC CAG AAT GTG GCT CTG GCC ATA GCA GG3 AAT AAT ITC AAT TTG gly ala gly ala ile thr glm ash val ala leu ala ile ala gly ash ash phe ash leu .. 3 2 4, 1.1 AAA ACA AGT GGA ATA GTG CTG TCT TCC TTG CCC TAT AAG CAG TAC AAC ATG CTG AAC GCG lys thr ser gly ile val led ser ser led pro tyr lys gln tyr ash met led ash ala 5.4.1 571 GAC ACT ACT CGC AAC CTC ATG ATC TGC TTC CTC TGG ATC ATG AAA AAT GCT GAT CAG AGC asp thr thr arg ash leu met ile cys phe leu trp ile met lys ash ala asp gln ser CTC ATT AGG AAG TGG ATT GCT GAC CTG CCA TCA ACG CAG CTC AAC AGG ATT TTA GAT CTA len ile and lys trp ile ala asp len pro ser thr gin len ash ard ile .em asp len THE TEN ARE THE SECOND TO THE THE SHAD CAN AA HAD AAA CAN THE SECOND TO AAA OFF lea phe lie typ wal led typ phe this typ lun aly lyp all ser con app lyp wal cor 751 ACC CAA STO CTG CAG AAG TOA AGG GAT STO AAG GCC CGG CTG GAA GAG GCT TTG CTG CGT thr gln val lou gln lys ser arg asp val lys ala arg leu glu glu ala leu leu arg GOO GAA GOO ONG AGA GOO DAG ATS ATG NOO NGO GOO GIT CAA GOO AAN GAC COA TIT NIA

FIG. 1 (1 of 5)

```
4000
                                     431
AAG CTA GAT AAA AAA AAG GOO GAG TTA GAT CAA GAA GOO TTG ATC AGT GGC AAT CTG GOT
lys led asp lys thr lys ala glu led asp gln glu ala led ile ser gly asm led ala
                                     931
AÑA GAA SCA CAT TTA ATO ATO CTG GAT ATG CAG GAA AAC ATT ATG CAG GOG AGO TOG GOT
thr glu ala his leu ile ile leu asp met gin glu asn ile ile gln ala ser ser ala
1021
                                     1051
DIG BAC TGI AAA GAD AGO CTG DIG GGA BGI GTT DIG AGG GTG DIG GTG AAT TOT CTG AAC
lou asp dys lys asp ser leu leu gly jly val teu arg val leu val asm ser leu asm
THE GAT CAR ACT ACC ACC TAC STR ACT CAR THE TITT GRANACA CTC CGT BOT DTC ATH BOC CVG asp gln ser thr thr tyr leu thr his cys phe ala thr leu arg ala leu ile ala
1.41
                                     11.01
AAB TIT GGA GAC TIA CIC TIC GAA GAG GAG GIG BAA CAG IGT TIC GAC CIA IGI CAC CAA
ly; phe gly asp leu leu phe glu glu glu ylu glu glu cys phe asp leu cys his glu
1.301
                                      1.331
GF: CTG CAC CAC TGC AGC AGC AGC ATG GAT GTC ACC DGG AGC CAA GCC TGT GCC ACC CTT
willen his his cys ser ser ser met asp val thr arg ser glm ala tys ala th: leu
                                     1.191
1.351
TAC CTC CTC ATG AGG ITC AGT TTT GGA GCC ACC AGT AAT TTT GCA AGA GTA AAG ATC CAA
tyr led led met and phe ser bhe gly ala thr ser ash phe ala and val lys met gln
1 3.11
                                     1351
GTA ACC ATG TOO CTG GCA TOT TTG GTG GGA AGA GCA GCA GAC TTT AAT GAA GAG CAC CTG
val thr met ser led ala ser led val gly and ala pro asp phe ash glu glu his led
                                     1411
AGA AGA TOO TTG AGG ACA ATT TTG GCC TAT TOA GAA GAG GAC ACA GCC ATG CAG ATG ACT
and arg ser led and thrile led ala typeshingld glu asp thriala met gln met thr
1441
                                     1.71
COT TIT COC ACC CAG GIG GAG GAA OIT CIC TOT AAT CIG AAT AGC AIC TIA TAT GAC ACA
pro phe pro thrighnival gluight led led cys ash led ash ser ile led tyr asp thr
                                     1531
GTG AAA ATG AGG GAA TTT CAG GAA GAT CCT GAG ATG CTT ATG GAT CTC ATG TAC AGA ATT
v_{\rm th} lys met and glu phe glu qlu asp pro glu met leu met asp leu met tyr ard ile
311
AAN, CAC ACC AAG AAG AAG TOO TAC ACG GAG GOT GOC ATG TOO CTG GTG CAC GOO GOT GOG
19. his the Tys Tys Tys cys tyr the glu ala ala met cys leu val his ala ala ala
led valuate glu tyr led der met lep glu som bid ser tyr led pri val gly ser val
```

```
1861
                                                                       1991
 OTC. OTG GAG CAG GOC GOG GAG CTC TTO AGC ADG GGA GGO TTA TAT GAG ACA GTT AAT GAG
led led gld gln ala ala gld led phe ser thr gly gly led tyr gld thr val ash gld
                                                                        1951
ST. TAC AAS CTS STC AT 1000 ATC CTA GAA GIG CAI 00A GAA TTC 000 AAG ITG ALA CTC
val tyr lys leu val ile pro ile leu glu ala his arg glu phe arg lys leu thr leu
1331
                                                                        2011
A YT CAC AGO AAG CTG CAG AGA GCC TTC GAC AGO ATC GTF AAC AAG GAT CAT AAG AGA ATG
thr his ser lys lou glm arg ala phe asp ser ile val asm lys asp mis lys arg met
                   TEXEXX ITAM EXEC.
                                                                        2071
THE GGA AGE TAG THE GGA GIT GGT THE TIT GGA TOO AAA TIT GGG GAT ITG GAA GAG
pne gly thr tyr phe ark val gly phe phe qly ser lys phe gly asp led asp glu gln
SABITT GIG TAU AAA GAB COT BOA ATT ACO AAB CTI COI BAG ATO TOA CAT AGA CTA BAG
gli phé val tyr lys gli pro ala ile thr Lys lei pro gli ile ser his arg leu gli
2161
                                                                        21.91
31A PTT TAT 3GI CAA TGT TTT 3GT GCA GAA TTT GT3 GAA GT3 ATT AAA 3AC FC3 ACT 3CT
als phe tyr gly gin bys phe gly als glu phe val gls val ile lys scp ser thr pro
.3 :.:1
                                                                        2:251
303 GAC AAA ACO AAG TTO GAT COT AAC AAG GOO TAC ATA DAG ATO ANT TTT 3TG GAG COC
valuasplys throlys levuasplyco ashlys alatyrile gln ile throphe valiglu pro
                                                                        2311
20.31
1371
DRD AGG TIC ATG TAG AGG AGG GGG TTG AGG CTG GAG GGG GGG GCT GGG GGA FAG CTG CAT
a: a and phe met tyr thr the pro phe the led glu gly and pro and gly glu led his
                                                                        2431
GAR CAG TAC AGA AGG AAC AGA GTE CTG ACC ACT ATG CAG GCC TTG CCC TAC ATG AAG ACC
qlighn tyr arg arg aso thr val leu thr thr met his ala phe pro tyr lle lys thr
                                                                        2491
                                                                                                   AGE ATO AGO GIG ATO CAG AAG GAG GAG TIT GIT ITG ACA COG ATT GAA GIT GCC ATT GAA
ar: ile ser val ile glm l's els als phe val les thr pro lle glm val ala ile glm
connexes and examples and the property of the set of the set of the ground connected and the set of the set o
      set by typications he early lead to all valuate ale arm all dispersions aspects
.. .
AAR ATG CIT CAS ATG GTS CIE CAA GGC TOT GTS GGA GUT ACT GTA AAT CAG GGA CCA CTG
lys met leu gln met val leu bln gly ser val gly als thr val asn gln gly pro leu
7 - 41
DAA DTA GOO DAA GOO TET TTO OOT GAA ATT OOT OOT GAT OOA AAA ETO TAT OGA CAT OAC
glu val ala bl. val p.e. leb ala blo ble pro ala asp pro lys leb tyr ard his his
```

AND THE STATE OF THE PARTY AND THE PARTY AND THE STATE OF THE STATE OF

AAC AAG CTA AAA GAG AAC CTO ABG COA ATG ATC BAG CGG AAA ATT CCA GAA CTG TAC AAC ash lys led lys did ash led arg pro met ;le glu arg lys ile pro glu led tyr lys MGA ATA TTO AGA GTT GAS AGE CAA AAG AGG MAY 100 TIC JAC AGA TOT AGT TTO AGG AAA pro lie phe and val glu ser gin lys and mep ser phe his and ser ser phe and lys 2971 1941 THE GAA ACC CAC THE TOA CAG GEC AGE TAA WAA AAG COA TOT TOA THE GIG GAE ACT GIG cys glu th: qln leu ser gln gly ser OCH clu lys pro ser ser phe val glu thr val 1.0.31 COC CTG CAA CCC TGG AGA AGG ACT TGC TGG TAC TTA AAA AAT GGG ACA FTT GCC ACC CAG ala leu gin pro trp arg arg thr cys trp tyr leu lys ash gly thr phe ala thr gin 31.91 CAC TGA CTG TAC ACT COC TGA TCA GCC AGC ACT CTG GAA GCT TTG GGA TCC CAG GAA CCA asp STP 0.1.21 2151 TGG AAT TAT TOO CAA ATG GAC TOT GAC CAG ATT ITT GOO ATA CTG GGG GGT GGO GGG ATG 1131 3211 GAG GAT GGG TAC TCA GGC ATG ACT GCG TAT ITA TTA AAG TGT GTT TTT CCA CAA TGT ACC 3271 AAA CAA GGC ATA AGC AGC TTC TCC TGC TGA CTG GCC AAT CAC TGC CCA TCT GAG AGA TGA 3301 3031 TIT OUT OTG GOG CAT ATT TGA ATT TAT TGG AGT AAC TCA AAT TGC CTG AGG AAA AAT GGA 3391 3361 AAA ATT ATC CAC CAG TOG ATT CAA ACT GAA ITT CAC TOT TTA TAG GAA GGC AGG GCA AAC 3451 3421 TTG TAG GAG TAG GAA ACA TTT TCA ATA AAT CTA CAA AGG GAA GCC TTA CTA CAA TTC CAA 1481 3511 AAA TOA TOA TGC TTG GAA ATT TGG GAG GAG ATT ATT TGT GAA CTT GTT ACC CTT TTG GTA 35.71 5541 ATG GTG GAC TAA TTR CTG TAT AGT TAT TTT TGT TTT ATT ACT ACT GTT ACA TTA ACT TAA TAT BIR TIT ATA BAR BAR TAT ATT HAN ARE TIA BAR BIR AND ANA BAR AND FREE TAR TERMORE UNG TUN GOO NAMA NAT CAU NGA TAC TOO TIT CAU TIN MAT GGA NAM NAT TOT COG ATA ATG CTT TGG TIT BIT TOT TAT STO AGT CIT UTG TAG TAT CTA TIT TIG TGC TCT CTG GGA CCA ART THO THE THA TAA ART AAT AAT ATT THE RETURN ATT THA WAA HAT TGE GOT OFF THE

The first of the soliter of the positive strains and section we have a

4021 AAC TCG BRAIN
HEART
SKEL. MUSCLE
COLON
THYMUS
SPLEEN
KIDNEY
LIVER
SM. INTESTIN
PLACNTA

LUNG

~7.5 kb—

Jurkat MV4-11 THP HL60 9D10 CH27 2A9 2A9

~7.5 kb —



HC2A	
KIAA	ASON DENARESA IMRODSNELSNODMLELLADERE PERMAKLIPVILGNIDITION VSSD
rat	
HC4	
HC:	
HC3	
HC5	
HC2A	
	FPNYVNSSYIPTKQFETCSKTPITFEVEEFVPCIPKHTQPYTIYTNHLYVYPKYLKYDSQ
KIAA	
rat	
HC4	
HC1	
HC3	
HC5	
BEZZA	VLHFHQNPEFYDE.TK
KIAA	KSFAKARNIAICIE.FKDSDEEDSOPLLCIYGRPGGPVFTRSAFAAVLHEHONPEFYDLIK
rat.	ASTANAMATATTE NOSTATION OF ALTONOMY TO THE ASTANAMATATTE A
HC4	
HC1	
HCS	
H(25)	
nissi	
HC2 A	IELPTOLHEKHALLITFFHVSCDNSSKGSTKKEDVVETQVGYSWLPLLKDGEVVTSEQHI
KIAA	IELPTOLHEKHALLLTFFHVSCDNSSFGSTKKEDVVETOVGYSWLPLLFDGEVVTSEDHI
	TEEL TQUIENCE TO THE TEEL TO T
rat.	
HC 4	
HC1	
HC3	
HC5	
HC2A	PVSANLPSGYLGYÇELGMGEHYGPEIFWVDGGKPLLKISTHLVSTVYTÇDÇHLHNFFQYC
KIAA	PVSANLPSGYLGYÇELGMGEHYGPEIFWVDGGKPLLKISTHLVSTVYTQDÇHLHNFFÇYC
rat	
HC4	
HC1	
11 1 %	grapasatveisbisscarv
H at	
H'ZA	QKIEGŞAÇAL MELVKYLKILBAMEGEVELAFLETILMÜLERVLT—KATQEEVAVVVIRV
FIAA	PTF: W_A: WELVERIE: LEAMDOND LAFUFULW_LFFVIT-RATQEEVAUWIEU
rat.	<u> </u>
HC4	
HC1	QNEEDEITTTVIRV
HC3	NESERLSHSNEDISGTETSEDDEVESIIGSKGLDESNSWVNTGGEKAAFWGSNESERAES
H 75	

HC2A KIAA	::HVVAQCHEEGLESHLRSYVKYAYKAEPYVASEYKTVHEELTKSMTT:LFPSADFLTSN ::HVVAQCHEEGLESHLRSYVKYAYKAEPYVASEYKTVHEELTKSMTT:LFPSADFLTSN
rut. HC4 HC1 HC3	LFHIVSKCHEEGLDSYLTSFIKYSPREGKPSAPQAPLIHETLATMMIALLKQSADFLAIN LPDIVAKCHEEQLDRSYISYIKFVPHTRACKERPYHEDLAKNYTGLIK-SUDSPTVK TQAMDRSCNRMSSHTETBSFLQTLTGRIPTKKLPHEELALQWVVCSGBVRE
HC5	Cadherin Cleavage
HUZA KIAA	KULKYSWFFFDVLIFSHINQHLIENSKVELI <mark>FNQR</mark> FPASYHHAAETVYNMIMPHITQKFGD KULKYSWFFFDVLIFSHINQHLIENSKVELI <mark>FNQR</mark> FPASYHHAAETVYNMIMPHITQKFGD
rat HC4 HC1 HC3 HC5	KULKYSWFFFEIIAKSMATYLLEENKIKLTHGQRFPKAYHHAURSUFLAIT-IMESQYAE HVLKHSWFFFAIILKSMAQHLIDTNKIQLEAPQRFPENYQNEUDNLVMVLGDHYIWKYKD SALQQAWFFFELMYRSYMHHLYFNDFLEAFKKSFFPEKFMDDIAALMSTIASDIMGELQK
HC2A KIAA rat	NPEAS KNANHSLAVFIEROFTFMDEGEVER QINNYISCFAPGOPKTLFEYFFEFL NPEAS KNANHSLAVFIEROFTFMDEGEVERQINNYISCFAPGOPKTLFEYFFEFL
HC4 HC1 HC3 HC5	IPKESRNVNYSLAGFLEGCLTLMDEGFVFNLINDYISGFSPELPKYLANYFFEFL ALEETRATHSVARELEEGFTFMDEGCVFFMVNNYISMFSSGLLKTLCQYFFDFL DTEMVERLNTSLAFFLNDLLSVMDEGFVFSLIKSCYKQVSSKLYSLFNDSVLVSLFLDFL
HC2A KIAA rat HC4 HC1	EMVONHUHYIPUNUEMEFGEGRIOFYODDQUDUSETDEF EMVONHUHYIPUNUEMEFGEGRIQEVQDUQUDUSETDEF QTIONHUHYIPUNUEMAFAFPELQEVQDUNUEYVISUEY QEVOQHUHFIPUOUEIESANIEDPITESES
HC3 HC5	RICSHEHYVTLNLEGSLLTPPASESESVSSATSQSSCFSTNYGLGGFIANMFELSVPF MMADTAFTSEGESISSQNSSSCSSFGDGFIASMFDRTSEVPA
HC2A KIAA	Cadher.n EC mot f CRNHFLYGILLREYGTALQEFFEVFLIAISVLENLLIKHSFDDRYASRSHQARIAT CRNHFLYGILLREYGTALQEFREVRLIAISVLENLLIKHSFDDRYASRSHQARIAT
rat H.4 H.1 H. 1	CKHHELVSLLIBEUS 1424 ENYE IBYTATS MIKHUL IBHAFDOBY GHKNQQAKI AT GRUHELIGILGEN SHAVLUSELARSI ET BEHALAVIKNIMABHSED RYBEFBKQAQI AC GUID-US BLIETELAAA JAR HESIDELEKAN ALBOLLOCHOLO ROVBEFVKUKLAA
HUŽA KTAA	LYLETEGLI TENVÇRINVROYSPETVAG-MTVEDESLADPAVNPDVTPÇKGSTLDMEDE TYLPDEGLITENVÇETNYROYSPEPVAG-MTYEDESLADPAVNPLVTPÇKGSTLDNSDE
rat H24 H31 H32	TYLEFYSLEBENT LE LAGENTI YGGAAMENGAGRIWEFPGGFTGFANEGSLS EYMOLY MOLLO MEE LYLKLI TEFTYUTTN LGGELDLOTNÖGFLG LTAIKHAMGUUTGFG LYLEDLOLIMKIYLGUYUFTETHNGBGFFIGTATTDYFGESGSMIG

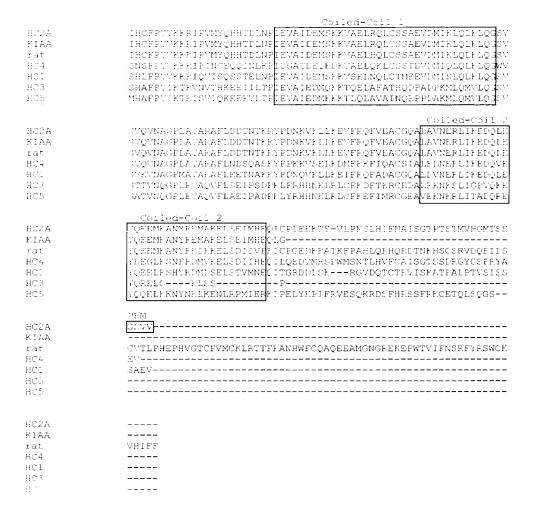
FIG. 3A (2 of 5)

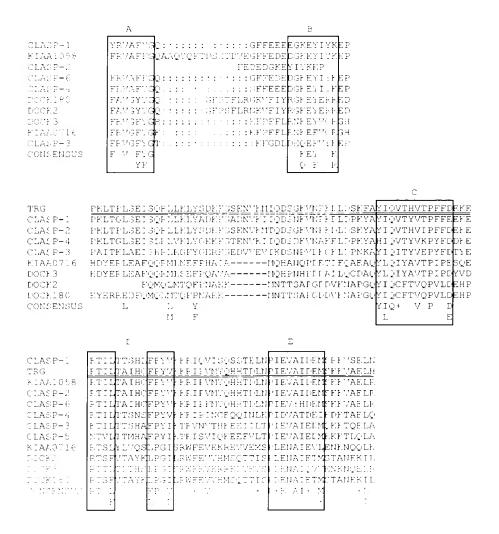
HCZA KIAA	KILIGAISGIASPYTTSTPHING"RNADSRGSLISTDSGNGLPERNGEKSNGLDKHQQSG KULLGAISGIASPYTTSTFNINGURNADSRGSLISTDSGNGLPERNGEKSNGLDKHQQGG
rat 824 871 805 805	TOROTAYGSFONGH31KREDJR3SLIP-EGAT3FPDQGNTGENTR23 KDVLN31AAFSPIA1SFYNHALJUASLASJD3NP3TNFKS3EKIDNCEKIFR2L UTVAMA1AGTSY4LTRFGSFLLTST33RQHT QNYALA1AGNNFNLKTSG-IYLSSLP7EQ7N
HC2A KIAA	TLGNSJVACDELDQSEIKSLLMDFLYTLKSWSDDALFTYWH-KASTSELMDFFTISEVDL TLGNSJVACDELDQSEIKSLLMDFLYILESWSDDALFTYWH-KASTSELMDFFTISEVDL
rat HC4 HC1 HC3 HC5	STESSYSQUNRUDQYEIRSLEMOVLYIVEMISEDTELTYWW-KASPQELINILLILEFOU ALI BSTLEFORLOGAETRSLEMOFLEMIRTISVETLIAYWQ-RAPSPEVSDFFSILDYOU TFSAESSRSLLOGLWVLKM-ADETYLQKWFTDLSYLQLNRLLDLLYLOV MINAOTTRNIMOGELWIJEM-ADQSUIREWIADLPSTQLNRILDLLFIOV
EC2A EIAA	HQFQYMGFF VIAENQEGLGPIVHURESQTUPVSENETGEN HQFQIMGFF IAETGEN
rat HC4 HC1 HC3 HC5	FHEE MIGHENIAEUHDAWLSKERGIDRESITMPALENESGMI QNEEULGEERIIEN AAAFKEVQERUNGTLKGENPSOUTSGLLAIWHEST REEGHK SCEE: EGEFVEEFINSLTEKKSEUMFAFLEEAILGSIGAPQENV LCEEREGEQS DEMSTQVLQKSEUVFAFLEEALLRGEGAEGEMM
HC2A KIAA rat	HARLOODGSLDNSLTFNHSYGHUDADVLHOSLDEANIATEVO HARLOODGSLDNSLTFNHSYGHUDADVLHOSLDEANIATEVO
F04 F01 F03 F05	QARLQHLSSLERSFTINHSSTITEADIFHQALLEGNTATEMO QHRSQTLFIIRGKNALSNYRLI(MLINTMTSNSNEIDIVHHVDTEANIATEGO RRSFRQLEFSPSGLAFGSQENIAMFYDMTHWR(NTEKLDK FAEIEHEALIDGNLATEAN RRFAFGNIFFPGLNENIAWFFEQTEWR(ANDKLDKTRAELDQEALIDGNLATEAH
HC2A FIAA rat HC4 HC1 HC3 HC5	LTALITIS I FTLAFENQLLADEGERS LMEEVET LYLCELOFHQS ETALKUVFTALESLIY LTALITIS LFTLAFENQLLADEGERS LMEEVETWYLCELOFHQS ETALKUVFTALESLIY
E T.A. E TAA E SE BCB BCB BCB	FFECTFUL GRADM AALLYF LEVTHORI. THE BARYOU FUMPHORID ORR SPVE VE FFESTFUL GRADM AALLYET LECTURE IS THE BARYOUS FUMPHORITHE OF HITE FFESTFE GRADM ACT. YET LECTURE IS SHIPSASPOLLS FUMPHORD YT GREST HITE EFESTFE FROWNE ARE YET LECTURE IS SHIP EASALLY LIMPNINE YT KRETTELTH EFPSAFFOC PADLOS FOYET LECTURES SHIP TEASALLY LIMPNINE FIR OR SIVE HE EFPELLEEETEQCADLOLINESS SIGTIES HERSAS LIMINE ON FEIGHT - HEAFTK EFFOLLEEE VEGTEDLOROTHHOSS SMOTTE: QACATLY LIMPSEGGTS - NFARTK
E^∵A	LOVIISVSQLIADVVGIGETREÇOSLGIINNOAMSDELIKHTSESSDVKDLTKEIRTVIM

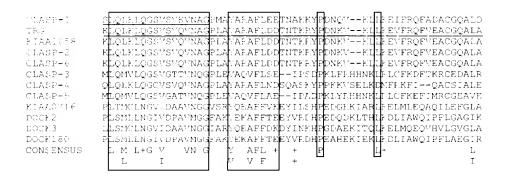
mummanda washerek tembah emmakament meni makin

Transmembrane

BD2A PIAA Lat BC4 BC1 BC3 BC5	ATAGNKEHENDPEMLVDLÇYSLAKSTASTPELEKTÜLDSMARTH KNODLSEAANGYVEV ATAGNKEHENDETMI ÜDLGYSLAKSTASTPELEKTÜLDSMARTH KNODLSEAANGYVEV ATAGNKEHENDPEMLVDLGYSLAKSTASTPELEKTÜLDSMARTH KNODLSEAANGYVEV ATAGNKEHENDPEMLIDLGYSLAKSTASTPELEKTÜLDSMAKTHYEN OFFSEAAMGYVEV ATAGNKEHENDPEMLVDLGYSLANSTASTPELEKTÜLEGMAKTHAEN ODLSEAAMGYTET DIVKNEHQEDPEMLIDLMYRTAKGYGTSPDLELTWLGNMAGEHSERSMHABAA GULVES DIVKMAEFGEDPEMLMDLMYRTAKSTGASPDLELTWLGNMAGEHSERSMHABAA GULVEA
HCMA KIAA rat HCM BCL HCM HCM	TALVAEYDIERS'
HC2A KIAA rat HC4 HC1 HC3	TAM IDEEASMMLDVOMODNHFNELVLMELLE CAD GLWFASH SELIADIYFLI IS I IDEEASMMENVOMODVERNELVLMELLE CAD GLWFASH SELIADIYFLI IS I IDEEASMMENVOMODVERNELVLMELLE CAD GLWFASH SELIADIYFLI IS I IDEEASMMENVOMODVERNELVLMELLE CVNVOLWHASH SELIADIYFLI IS I IDEEGAMELGOMMEYEVSENVLLET LE CVNVOLWHASH SELIADIYE LI GEI IKEEGAAKEL GOMEETEVNENILVEGLYMCGEEMUMGOSH SELIADIYME PI IAV VLETSAVS DD VOGELEEGICSGE YFTES GLVGLLE JAAAL FSMAGNYEAVNEV TEVI I SI VLEFSVVS EDTLOGGEDGVCAGONFTES GLVGLLE JAAALFSTGGLN ETVNEV FLN I SI
HC/A KIAA rat HC4 HC3 HC5	TAM ITAM ITAM ITAM ITAM TEKELED
KIAA rat HC4 HC1 HC3	TERFELD— TERFERLAHIT ETTHEAKSEN TEMMISGRELL STEFFNAFFGGAAGTOFTE. BTOVE SHEELEFE HLAHIT ETTHEAKSEN TEMMISGRELL STEFFNAFFGGAAGTOFTE. BTOVE SMES GGTLETTHE ETTHEAKSEN TEMPITE. JENEFE FENLTOM: BTLHGAMTE FLEMMITKELLG———————————————————————————————————







DOCK2=KIAA0209 DOCK3=KIAA0299 CLASP2variant=KIAA1058

```
THE ACT ATS AAT GOT GAT ANT GOT DOA ANA TOT COT TOT COT TOO ATA TOT TOC CAG AAC
n\omega r thronot use also aspectic also protein were proteys process ser ile ser ser glm asm
THA ASK TOK BOAT OF AGE TO AGE AND THE GAS LAS GAS OF TO THE SATIODA AND THE STATE OF THE SATIODAL AND THE S
der sei wer dyd sei ser phe olm asp alm dys ile ala ser met phe asp arg thr ser
2 15 2
AGA GTA DOC GOO AGO AGO ACT TOO TOA GOO (AGO CTO CTO TTO AGA GAA DTG GOT GOO GOO
argival pro ala ser ser thr ser ser pro «Ly leu leu phe thriglu leu ala ala ala
CTG GAT GOU GAA GGG GAA GGA ATC AGU GAA HO'A CAA AGG AAA GCT GTC AGT GCA ATT CAC
ieu asp ala glu giy glu gly ile ser glu tal gin arg lys ala val ser ala ile his
AGO CTG CTA AGT TOT CAO GAO CTG GAO CCA (GO TGT GTC AAA CCA GAG GTG AAG GTC AAA
ser leu leu ser ser his aspileu asp pro arg cys val lys pro qlu val lys val lys
ATC GOO GOO OTT TAC CTA COT TTA GTT GGC ATC ATT TTG GAT GCT TTG CCA DAG CTC TGT
ile ala ala leu tyr leu pro leu val gly .le île leu asp ala leu pro gln leu cys
                                                                                                                  5.91
GAC TIT ACA GIT GCA GAT ACT CGC AGA TAC CGC ACC AGT GGC TCG GAT GAA GAA CAA GAA
aspithe thrival ala aspithr and and tyr and thriser gly ser aspiglu glu gln glu
                                                                                                                 4.5.1
GGA GCC GGT GCC ATT ACC CAG AAT GTG GCT (TG GCC ATA GCA GGG AAT AAT TTC AAT TTG
gly ala gly ala ile thr glm asn wal ala leu ala ile ala gly asn asn bhe asn leu
                                                                                                          r∈f 2.1
+11
481
AAA ACA AGT GGA ATA GTG CTG TCT TCC TTG CCC TAT AAG CAG TAC AAC ATG JTG AAC GCG
lys thr ser gly ile val leu ser ser leu pro tyr lys gln tyr asn met leu asn ala
541
GAC ACT ACT OBG AAC CTC ATG ATC TGC TTC CTC TGG ATC ATG AAA AAT GCT GAT CAG AGC
asp the the arm asm led met ile bys phe led trp ile met lys ash ala asp gln ser
                                                                                                                1 : 1
TTO ATT AGG AAG TGG ATT GOT GAC OTG COA TOA AGG CAG OTC AAC AGG ATT TTA GAT GTA
led the armough day life and any new prescentible distributions and alle led days led
indi da i Abir bibi kurir da arabibi bili kaki tatizizan kwa waka waki ariti kali awa kaki kuti ara
thougher sleetly a value of the state of the
AND WAR HIS TOP CAS ARE TOA ASSENAT STO AND GOODERS SAN GAS GOT TIG CIG OGT
thr gin val leu gin lys sêr arg asp val lys ala arg leu giu glu ala leu leu arg
AND TITE AND DARPORAGE FOR ANY DIRECTOR OVER LIABLE AND CONTAIN AND AND AND AND AND AND AND ADDRESS.
```

```
har sta hat aan aan tiu aga tas aan aaa gag car aca cat too dog caa got aat gag
aly led ash all ash led any trp lyn lys glu yln thr his trp ang gln ala ash glu
AAG CTA GAT AAA AAA AAG GOC GAG ITA GAT CAA GAA GOC TTG ATG AGT GGG AAT CTG GCT
lys lou app lys thr lys ala glu leu asp gin glu ala leu ile ser gly asn leu ala
                                                                             99:
ATA GAA GUA CAT TTA ATU ATU CTG GAT ATG CAG GAA AAC ATT ATC CAG GCG AGC TOG GCT
thriglu ala his leu ile ile leu asp met gln glu asnile ile gln ala ser ser ala
                                                                             1051
CTG GAC TGT AAA GAC AGC CTG CTG GGA GGT GTT CTG AGG GTG CTG GTG AAT TCT CTG AAC
leu asp cys lys asp ser leu leu gly gly val leu arg val leu val asm ser leu asm
1061
                                                                            111.
TGT GAT CAG AGT ACC ACC TAC CTG ACT CAC TGC TTT GCA ACA CTC CGT GCT CTC ATC GCC
cys asp glm ser thr thr tyr leu thr his cys phe ala thr leu arg ala leu ile ala
                                                                             1171
1141
AAG TIT GGA GAC TIA CIC TIC GAA GAG GAG GIG GAA CAG IGI TIC GAC CIA IGI CAC CAA
lys phe gly asp leu leu phe glu glu glu val glu gln cys phe asp leu cys his gln
1201
                                                                            1231
GTC CTG CAC CAC TGC AGC AGC AGC ATG GAT GTC ACC CG3 AGC CAA GCC TGT GCC ACC CTT
val led his his dys ser ser ser met asp val thr ang ser glm ala dys ala the led
                                                                            1291
TAC CTC CTC ATG AGG TTC AGT TTT GGA GGC ACQ AGT AAT FTT GCA AGA GTA AAG ATG CAA
tyr leu leu met arg phe ser phe gly ala thr ser asm phe ala arg val lys met glm
                                                                            1351
STA ACC ATS TOO OTG GCA TOT TTS GTG GGA AGA GCA CCA GAC TTT AAT GAA GAG CAC CTG
val thr met ser leu ala ser leu val gly arg ala pro asp phe asm glu glu his leu
                                                                            1411
AGA AGA TOO TIG AGG ACA ATT TIG GOO TAT TOA GAA GAG GAC ACA GOO AIG CAG ATG ACT
arg arg ser lew arg thrile lew ala tyr ser glu glu asp thriala met gln met thr
                                                                             1471
TOT TIT DOC ADD CAS GIG GAS GAA SIT SIG IGT AAT CIG AAT AGC AID ITA IAI GAS ACA
groups of the min wall all and low low owe ask low ask sor ale lew tyr ask tha
THE AAA AND AD THE DATE OF THE SAC ONE PART AND ADD THE BATH OF ADD THE ADD TH
1881
AAD AGT TAD DAG GOA TOT DOT GAT OTG GGG GTG AGC TGG GTC CAG AAC ATG GCA GAG
al, lys vor tyr gin ala ser gro acp leu arg leu thr trp leu gim asn met ala glu
AAA TWILAHI AAR AAR AAR IRLAH AARA AAR AAR AAR AARAA AAR
186 a college of the college and an electric standard many myor last mall big also also also also
```

```
. . . . .
TTA GTG GGT GAG TAT CTG AGG ATG STG GAG GAG GAG AGG TAG GTG GGG GTG GGG AGT GTG
les valuda un tyr led ser met led blo asp his ser tyr led pro wal gly ser val
AGO ITO WAS AAT ATT TUT TOO AAT UTS WAS GAS SOUT STS STO TOT SAS SAC ACC CTS
ser pho alm ash ilo ser ser ash val leu glu glu ser val val ser glu aspithr leu
                                          1831
TOA COT GAG GAG GAT GOG GTG TGC GOA GGC CAG TAC TTC ACC GAG AGT GGC CT3 GTA 360
ser pro asp glu asp gly val bys ala gly gln tyr phe thr glu ser gly leu val gly
CTO CTG GAG CAG GCC GCG GAG CTC TTC AGC ACG GGA GCC TTA TAT GAG ACA GTT AAT GAG
leu leu blu gin ala sta glu leu phé ser thr gly gly leu tyr glu thr val asn glu
1921
                                         1951
GTC TAC AAG CTG GTC ATC CCC ATC CTA GAA GCG CAT CGA GAA TTC CGG AAG CTG ACA CTC
val tyr lys leu val ile pro ile leu glu ala his arg glu phe arg lys leu thr leu
1981
                                         2011
ACT CAC AGO AAG CTG CAG AGA GCC TTC GAC AGC ATC GTT AAC AAG GAT CAT AAG AGA ATG
thr his ser lys leu glm arg ala phe asp ser ile val asm lys asp his lys arg met
2041
TTT GGA ACC TAC TTC CGA GTT CGT TTC TTT GGA TCC AAA TTT GGG GAT TTG GAT GAA CAG
phe gly thr tyr phe arg val gly phe phe gly ser lys phe gly asp leu asp glu gln
                                         2131
GAG TIT GTC TAC AAA GAG CCT GCA ATT ACC AAG ITT CCT GAG ATC TCA CAT AGA CTA GAG
glu phe val tyr lys glu pro ala ile thr lys leu pro glu ile ser his arg leu glu
                                         2191
GCA TIT TAT GGT CAA TGT TIT GGT GCA GAA TIT GTG GAA GTG ATT AAA GAC TCC ACT CCT
ala phe tyr gly gln cys phe gly ala glu phe val glu val ile lys asp ser thr pro
             I<sup>ref 4.1</sup>
                                         2251
STO SAM AAA ASS HAS TTO GAT SOT AAR AAG GOO TAC ATA SAG ATG ACT TTT GTG GAG CCC
val asp lys thr lys leu asp pro ash lys ala tyr ile gln ile thr phe val glu pro
                                         2311
TAC ITT GAT GAG TAT GAG ATG AAA GAC AGG STC ACA TAC ITT GAG AAG AAT ITC AAC CIC
tyr pho acp giw tyr giw met lys asp arg val thr tyr pho giw lyc ash pho ash lew
 ng Agringto Aggingan Agongan ang mang tinggan ang garinggang ang agginggang aga gawangan ang aggin
and any give menony and the property of the 18th and gift and gift and grown by
. W. .
HAR HAR HAR ARA ARA ARA HARA HITE SITE ARM ARE RAIG CAR GIVE ITTO MORE TAC ATC AAS ARE
glu gln tyr arg arg asn thr val leb thr thr met his ala phe pro tyr ile lys thr
INFO.
ARE THE THE ARE THAT IN A THE THE THE THE ARE ARE THE THE THE TAKE THE THE THE THE THE THE THE THE THE
ary to ber hat the simily but all give hat we things him will also be suc-
```

2* 71	75.5	
GAT ATS AAS AAS AAS AAT OTS CAS TTA		
asp met lys lys lys thr led glf led	ala val ala ile asn gin glu pro p	ro aspala
21.50	4.11	
AA AIS II AA AIR BIA TA AA BB		
Typoget les almonet rai les ann any	mer ra, diy ala thr val abh din g	ly pro les
2641	3671	
GAA GTA GCC CAA GTG ITT TTG GCT GAA		
glu val ala gin val che leu ala giu	The μ ro ala asp pro lys led tyr as	rg his his
z 115 1	×731	
AAC AAG TIG AGG TIÅ 190 III AAG GAA		
apryr .q. ara lég nyo phé lys alo	phe lie met arg dys gly glu ala vo	al glu lys
₹7e1	791	
AAC AAG CGT CTC ATC ACG GCA GAC CAG		
ash lys ary leu ile thr āla asp gln	arg slu tyr gin gln glu leu lys l	ys asn tyr
2821	. 851	
AAC AAG CTA AAA GAG AAC CTC AGG CCA		
ash lys leu lys glu ash leu arg pro	met .le glu arg lys ile pro glu le	eu tyr lys
2881	7911	
CCA ATA TTO AGA GTT GAG AGT CAA AAG	AGG GAC TOO TTO CAC AGA TOT AGT TO	
pro ile phe arg val glu ser gln lys	arg asp ser phe his arg ser ser pl	ne arg lys
2941	. 971	
TGT GAA ACC CAG TTG TCA CAG GGC AGC	TAA WAA AAG OOA TOT TOA TTO GTG GA	AG ACT GTG
cys glu thr gln leu ser gln dly ser	OCH	
3001 ref 5.1	-031	
GCC CTG CAA CCC TGG AGA AGG ACT TGC	TGG TAC TTA AAA AAT GGG ACA TTT G	DC ACC CAG
2061	0.01	
3061		
TAG IGA GIG IAG ASI GGG IGA IGA KKG	-091 AGC ACT CTG GAA GCT TTG GGA TCC CA	AG GAA CCA
TANG TON CITE TANG AGE COO TON TON GOO	AGE ACT CTG GAA GET TTG GGA TCC CA	AG GAA CCA
3:2:	AGC ACT CTG GAA GCT TTG GGA TCC CA	
	AGC ACT CTG GAA GCT TTG GGA TCC CA	
3121 TGG AAT TAT TCC CAA ATG GAC TCT GAC 3181	AGC ACT UTG GAA GCT TTG GGA TCC CA 151 CAG ATT TTT GCC ATA CTG GGG GGT GC 3211	en GGG ATG
3121 TGG AAT TAT TOO CAA ATG GAC TOI GAC	AGC ACT UTG GAA GCT TTG GGA TCC CA 151 CAG ATT TTT GCC ATA CTG GGG GGT GC 3211	en GGG ATG
3121 TGG AAT TAT TCC CAA ATG GAC TCT GAC 3181	AGC ACT UTG GAA GCT TTG GGA TCC CA 151 CAG ATT TTT GCC ATA CTG GGG GGT GC 3211	en GGG ATG
3121 TGG AAT TAT TGG CAA ATG GAC TGI GAC 3181 GAR DAT GAR TAR TGA GGR ATG AGT GGR	AGE ACT CTG GAA GCT TTG GGA TCC CA 151 CAS ATT TTT GCC ATA CTG GGG GGT GC 2211 TAT YTA TTA AAG TGT GTT TTT CCA CA	ec GGG ATG
3121 TGG AAT TAT TCC CAA ATG GAC TCI GAC 3181 TAR DAT DAY TAD TCA TCH ATT ACT CCT **C41* AAA TAAA FEE ATA AFE AFE TTO TTO TEE	AGE ACT CTG GAA GCT TTG GGA TCC CA 151 CAS ATT TTT GCC ATA CTG GGG GGT GC 2211 TAT YTA TTA AAG TGT GTT TTT CCA CA	ec gae atg
3121 TGG AAT TAT TOO CAA ATG GAC TOI GAC 3181 GAR DAT GAR TAD TAC TOA GAR ATG ACT GOR	AGC ACT UTG GAA GCT TTG GGA TCC CA	30 GGG ATG AA TGT ACC VE AGA 19A
3121 TGG AAT TAT TGG CAA ATG GAC TGI GAC 3181 GAR DAT GAR TAD TOA GGA ATG AGT GGG 1741 AAA GAA RET ATA ART ART TOA ATT TAT 1771 TTT GAR STERRING FAT AAT ACT TRA ATT TAT	AGC ACT CTG GAA GCT TTG GGA TCC CA	30 GGG ATG AA TGT ACC VE AGA 19A
3121 TGG AAT TAT TOO CAA ATG GAC TOI GAC 3181 BAB DAT DAR TAR TAR TOA GG ATG ACT GGS 1641 AAA TAA BE ATA AR AR AR ITT IN IRI 1771 TTT DIE STERRING GAT ACT TAA ACT CAT 3381	AGC ACT OTG GAA GCT TTG GGA TCC CA 151 CAG ATT TTT GCC ATA CTG GGG GGT GC 2211 TAT TTA TTA AAG TGT GTG TTT CCA CA 1.271 TAA CTG 400 AAT TAA TGT GTG TGT GTT GTA 1.271 TAA CTG 400 AAT TAA TGT GTG AGG AA 3591	90 GGG ATG NA TOT AQU VE ABA 194 AA AAT GBA
3121 TGG AAT TAT TGG CAA ATG GAC TGI GAC 3181 GAR DAT GAR TAD TOA GGA ATG AGT GGG 1741 AAA GAA RET ATA ART ART TOA ATT TAT 1771 TTT GAR STERRING FAT AAT ACT TRA ATT TAT	AGC ACT OTG GAA GCT TTG GGA TCC CA 151 CAG ATT TTT GCC ATA CTG GGG GGT GC 2211 TAT TTA TTA AAG TGT GTG TTT CCA CA 1.271 TAA CTG 400 AAT TAA TGT GTG TGT GTT GTA 1.271 TAA CTG 400 AAT TAA TGT GTG AGG AA 3591	90 GGG ATG NA TOT AQU VE ABA 194 AA AAT GBA
3121 TGG AAT TAT TOO CAA ATG GAC TOI GAC 3181 BAB DAT DAR TAR TAR TOA GG ATG ACT GGS 1641 AAA TAA BE ATA AR AR AR ITT IN IRI 1771 TTT DIE STERRING GAT ACT TAA ACT CAT 3381	AGC ACT UTG GAA GOT TTG GGA TOO CA	SC GGG ATG NA THI ACC NA ASA 1 SA AA AAT GSA GG GGA AAC

AAA IGA IGA IGA ITI BAA ATI IGA BAA WAS AIT ATI IGI WAA WITI DII ACC CII ITI WIA 3541 1571 ATH TOTO JAIN TAA TIN DIE UAS TOT TIT TOT TIT TAIT ATT ATT ACA TITA ATT ACA TITA ATT TAA CAT GCA TIT ATA GAA GAA TAC ATT CAA AGC ACT GAT GTA GGA GAT ACA CGG TAC TTG GAG 1691 CAS TOA GOU AAA AAT GAC AGA TAC TGC TTT CAC TTA AAT GGA 7AC AAT TOT CCG ATA ATG CTT TOO TIT TOT TOT TAT GTO ACT CTT GTG TAC TAT CTA TTT 1TC TCC TCT CTG GGA CCA ACT TIS TTE TAX AGU AAT AAT ATC TOT UTT TTO ATT TOA GAA CAT TGT GOT GTC TGT 4841 3871 CAG CAT ATG TAT ATG AGC TAC AAA ATA TAT TOA ACT TTG ACT TOT TAT GAC AAA GGA CIT 1931 TAG GAA AAG GAS GAA CAA AGA CAT TAT TTG AGA ATT AAA TTA TAT ATT TTT AAT ATG ACT 3961 3991 OTS ACC TIG ACT GAT AAT AAA FAT GTA ATA AGA ATT GCA AGC TAA AAA AAA AAA AAA AAA 4021 AAC TCG

Ref 1.1

Sequence of BAC19 using primer EC5S11, which spans nucleotides 3-22 of the cDNA.Exon sequence is underlined and represents nucleotides 32-57.

Ref 2.1

Sequence of BA(19 using primer H05AS10b, which spans nucleotides 567-38(of Exon sequence is underlined and represents nucleotides 510-553.

Ref 3.1

Ref 4.1

Sequence of FAC13 using primer CES7, which spans finiteshing if the 2205 of the CDNA. . Exam sequence is underlined and represents numbertices 2225-2231. Abandanticate remains of the Academic Example 1000AVG Academic Academic Example 1000AVG Academic Acad

ina words a ask operation to street and the comparison. The Markey and a skyling of the comparison to the state of the state of the state of the state of the state of

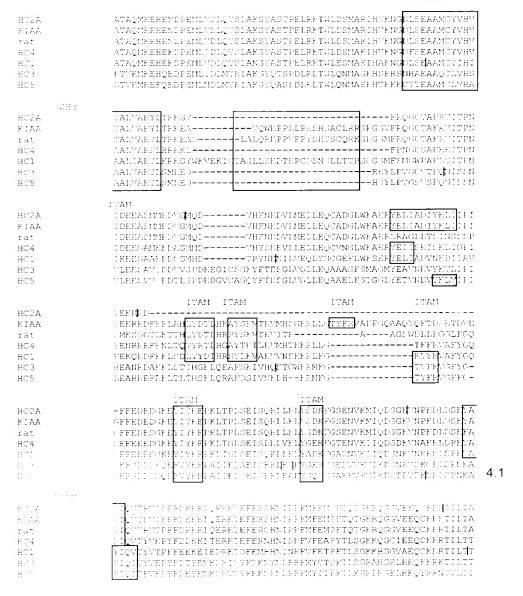
HODA	
KIAA	ASGNICKNARFSATYETOSNKISNOCMIKLIACFRKPEKMAKLFVILGNICHTIONVSŠO
rat	
H 14	
H=1	=-*
HC v	
HQ5	
HC2A	<u></u>
EIAA	FPWYVNSSY:PTKQFETCSKTPITFEYEEFVPCIPKHTQPYTIYTNHLYVYPKYLKYDSQ
rat	
EC4	
EC1	
H. 7.5	
Ho.	
HC2A	WIHHHONPERYDEIK
KIAA	KSFAKARNIAICIEFKDSDEEDSOPLECIYGRPGGPVFTRSAFAAVLHHHONPEFYDEIK
rat.	
HC4	
HC:	
HC3	
HCf	
nc.	
HC2 A	IELPTQLHEKHHLLLTFFHVSCDNSSFGSTKKRDVVETQVGYSWLPLLKDGRVVTSEQHI
KIAA	IELPTOLHEKHHLLLTFFHVSCDNSS:GSTKKRDVVETOVGYSWLPLLKDGRVVTSEOHI
rat	
HC.	
HC1	
HC:	
HC5	
HC2A	PVSANLPSGYLGYQELGMGRHYGPEIFWVDGGFPLLKISTHLVSTVYTCDQHLHNFFQYC
KIAA	PVSANLPSGYLGYQELGMGRHYGPEIRWVDGGRPLLKISTHLVSTVYTQDQHLHNFFQYC
rat.	
H14	
HCI	
H23	gegeaestysislisnsapy
PT	
: * · · · ·	, Fig. 1944, Al Rufilly Yilkon Hamy Shimiakin film, likulid-katikeelakin ilk
P 17:7-	. Alternative that that the theory has the first the problem by the problem of the t
i at	
HC4	HEIQVLIRFLSVILMQLFWVLPNMIHEDDVPISCPMV
HC1	
11.1	NECESTORISM CONTENTS FOR STORY FOR STORY AND STREAM STORY AND STOR

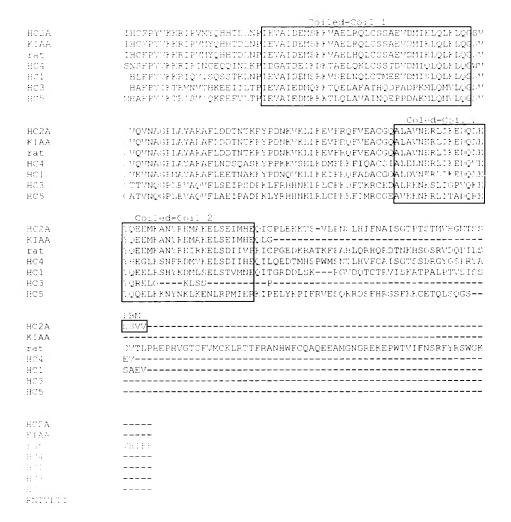
Refs

HUZA KIAA	IIHVVA_CHEEGLESHLRSYVKYAYKAEPYVASEYKTYHEELTKSMTTILKPSADFLTSN
rat HVG HVI HQS	LFH:VOKCHREGITCYLTOF:KYSPRPGKPDAPQAFL:HETLATMMALLKQRADFLAIM LFD:VAKCHEE3LDHSYGSY:KFYFKTRACKHRPYHEDLAKNYTGLLK-SYDSPTYK TQAKDPUCNPMSSHTETSSFLOTLTGRLPTKKL+HEELALGWYVC3GJYKE
HC5	Cadherin
HCCA KIAA	FLURYSWEFFDVLIFSMAQHLIENSEVELURNQRFPAJYHHAAETVINMIMPHITQKEGD FLURYSWEFFDVLIFSMAQHLIENSEVELURNQRFPAJYHHAAETVINMIMPHITQKEGD FLURYSWEFFDVLIFSMAQHLIENSEVELURNQRFPAJYHHAAETVINMIMPHITQKERD
rat HC4 HC1 HC3 HC5	KLIFYSWFFFEIIAKSMATYLLEENKIKLTHGORFPKAYHHALHSLFLAIC-I''DSQYAE HYLHHSWFFFAIILESMAQHLIDTMKIQLERPOFFPE WYNELDMIWMYLSDH''LWKYKD SALQZAWFFFELMYKSMYHHLYFNDKLEAFLKSHFPERFMDD'AALWSTLASDI''SRFQK
HC2A KIAA rat	NPRASENANHSLAVETERGETEMDESTVERGENNETSGFAPGDHKYLLEBEREFEL NPRASENANHSLAVETERGETEMDESTVERGENNETSGFAPGDPKYLFRVERFEL
HC4 HC1 HC3 HC5	IPKESKNYNYSLAGELEGOLTEMDEGEVERLINDILSGESPEDPEVLAGVEEREL ALEETELATHSVAREUERGETIMDEGOVEKNYNN:ISMESSGDLETLOGVEEDEL DTEMVELLNTSLAPELMDLLSVMDEGEVESIIKSCYKQVSSKLYSLENPSVLMULELDEL
HC2A KIAA	RVVCNHEHYIPLNLEMPFGFGRIQRVQDLQLDYXLTDEF RVVCNHEHYIPLNLEMPFGFGRIQRYQDLQLDYXLTDEF
rat HC4 HC1 HC3 HC5	QTICNHEHYIPLNLEMAFAFEKLQR
	Cadherin
HC2A KIAA	EC_motif CRNHFLYGLLLREYGT%LQEFFEVRLIAISYLKHLLIKHSFDDRYASP\$HÇARIAT CRNHFLYGLLLREYGTALQEFFEVRLIAISYLKHLLIKHSFDDRYASRSEÇARIAT
HC4 HC1 HC1 HC2	CKHHFLVGLLLRETSIALQDNYEIRYIAISVIKNLLIKHAFDTRYQHKNÇQAKIAQ CFKHFI BSILLREVGFI LQEDQGVRHI ALAYLKNIMAKHSFDDRYEFFFKQAQIAS FLOHYI ASIXI TELAVILLETA KGI YOLHKR VINITENILLESHIRI DEFOVKERIKVKI AA CDTJ-SESIL FTELAAMICARY FGIJEUQPRAVCAIHE ILSCHER DEFOVKERIKVKI AA
H N A EIAA Eat	:Y::::::::::::::::::::::::::::::::::::
H04 H01 H02 H03	LYMPFYGLLENI, PLAGROTI YSGAAMPNSAGRDEFPGGFTSPAMRGCLS LYMPLYGMLLENMPRLYMKDI Y PFTUNTSS GARDDLSTNGGFGSGTAIKHANSVDTSES LYMPLIGIIMF (VI. MIGTETETBNGRGPFIGIATTI YESECGSMIS LYMPLIGIIM AM LUU FTWARTFRYFTSGGIBELE

		<u>Refs</u>
HODA KIAA	KULLGAISG (ASPYTTSTENINSVENADSEGSLISTDSGNSLPERNSEKSNSLD#HCQSS KILLGAISGIASPYTTSTENINSVENALORGGLISTDSGNSLFERNSEKSNSLDKHOGGS	
iat		
HC4	TAKATAYGSFQNGHUIKREDSKGQLIF-EGATGFFDQGNTGENTRQS	
H-111	KOMING MARSSIAIST/NHADSAASLASLDSMPSTNEKSSEKTDNOFKIPRPL	
HC3	QTVAMA:AGTSVPQLTRPG:FLLTSTSGROHT	2.1
HC5	QNVA.A:AGNNPHLKTSG-IVLSSDPYEQYN	∠. I
нсга	TEGN STORCOKEDQSEIRSKEMSFLYTERSMSEDALFTYWN-RAGTGEMMOFFTISEMCE	
KIAA	TLGN BYWRODKLDQSEIKSLLMOFLYILKSMSDDALFTYWN-FASTSELMDFFTISEMOL	
rat		
EC4	STRSSYSQYNRLDQYEIRSLLMCYLYIYEMISEDTLLTYWN-FVSPQELIMILILLEVCL	
HG1	ALIGSTERFORLEQAETESELMOFEHIMETISYETLIAYWQ-FAPSFEATDOFFSILDWOL	
H L. 5	TF: AESSESLLI CLLWYDEN-ADETVLQFWITFLSVLQLMELLOLL (LCV	
H25		
HC2A	HOMOTIGKEYIAFNGEGIGPIVHIBRIS GTIMVSKNR FGMI	
KIAA	HQFQTMGKEYIAFPGMM	
rat		
HC4	FHFR/MGKENIAFVHDAWLSKHFGIDRES	
HC1	QNFRYLGKENIIFKIAAAFEFYQSTQNMGTLKGSNPSCQTSGLLAQWMFSTSREEGHE	
HC3	SCFETEGKEVFEEMNSLTFKKSKDMKAKLEEAILGSIGAEQEMV	
HC5	LCFEYEGKQSSDFVSTQVLQKSRDVHAELEEALLRGEGAEGERI	
HC2A	HARLOOLGSUDNSLTFNHSYGHSDADVLHOGULEANIATEV	
KTAA	HARLQQLGSLDNSLTFNHSYCHSDADWLEQSLLEANIAFDY	
rat		
HC4	QARLQHLSSLESSFTLNHSSTTTEADIFHQALLEGNTATEV	
HC1	QHRSQTLPIIRG:NALSNFKLLQMLDNTMTSNSNEIDIVHHVDTEANIAFEGU	
HC3	rrsrgqijerspscsafgsqenlrurkdnykurqnteklirsraeieheallidgmlaiea:	
HC5	RRRAPGNORFPGINENLRWELEGTHWRQANEKLIETKAELDQEALISGNLATEAH	
HC2A	LTALDTLSLFTLAFHNQLLADHGHNPLMKFYFDYYLCFLQKHÇSETALFMYFTALESLIY	
KIAA	LTALDTLSLFTLAFKNQLLADKGRNFLMEKMFDMYLOFLOKKOSETALFNMFTALF3L1 (
rat	KLSEGESPLMERYFDYYLCFIQEHQSEMALENYFTALESLTY	
HC4	LTVLDTISFFTQCFKTHFLNNDGHDFLMKFVFDIHLAFIFDSQSEVSLFHYFASLFAFIJ	
HCI	LTILDLMSLFTQTHQRQTQCDCQNSLMKFGFDTYMLFFQ\MQSATALKHVFASLKUFM	
H^{ph} 5	LITETTETAVQTAD——ALEA——KESTMATMIRSYVANDOVAATATOHALEAVA	0.4
11.7	ilka erikat eritaturak inginasi mengalah angilah-ngilah-ngilah kanglingi si	3.1
HMA	PRESIDENCE SEARCHAIN CHAIL SERVE CONTROL CONFERACULOUS LMENNEU TUPE SETEN	
FIAA	PER ATEMPREADS TAAT TYELLES ON PILLOLETEAR TIL VELMENDEN TOPP STELL	
1.41	FFF FTF YEOFATMCAST CYEULKOONSFLESSIRTEASQLLYFIMERNEDY TOKESFURT-	
HAG	FFFFAFFEGRVNMCAAFTYEVLHOOTSFISCTRNEASALLYLLMFNNFHYTKRFTFURT-	
11.71	FFPSAFFQGPATLCGSFCYEVLKCCNHLSESTQTEASALLYLFMFKNFEFNKQKSIVRG-	
He13	HERELLFREETEQUARLELLRHOSSSIGTIRSHPSASLYLLMRQNFEIGNNFAR'S	
H 1.5	PERCOLL PREEVE CONDICATION OF THE CANADATA ACATLY LIMBES FRATS NEARLY	

The second of th





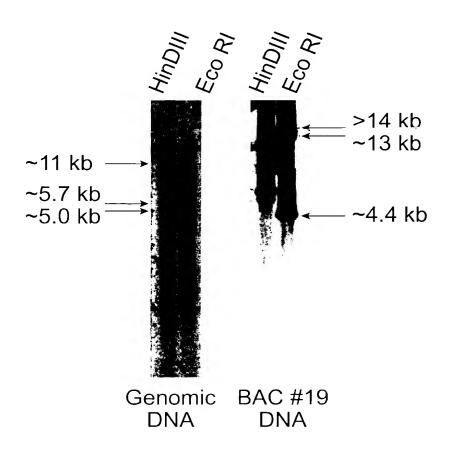


FIG. 5

-111
CGGTAACCGCATTTTGTCTCCTGTAACAATTTACGCGCCGTGTAACTGTGAATCTTTCAAAGCCTCAGTTTTATGACCCCTGTGGAACCAGTTTTGAAGGACTTCTG -1

```
1/1
                                          31/11
AND ACA MAI UTG AND AGO OTG GAT GTG CAG OTT GOW CAG GAG OTG GGG GAG TTC ACT GAT
Mer this his led ash ser led mop val gin led ala gin gld led gly asp phe thr asp
                                          91/31
GAC SAC TIG GAC STG BIG TIC ACS OCA AAG GAA TGT AGG ACT TIG CAG CCC TKT TIG CCG
asplaspleu asplyal value thr prollys glu cynlarg thr leu glm prolser leu pro
                                          151,151
GAG GAA GGG GTT GAA DTG GAC CCT CAT GTG AGG GAC TGT GTT CAG ACC TAD ATD CGT GAG
glu glu gly val glu leu asp pro his val arg asp cys val gln thr tyr ile arg glu
131061
                                          211,71
TES STA ATC UTG AAC CGS AAA AAC 'AA GGA AGT CCA GAA ATC TET GGC TTT AAA AAG ACT
trp les sie val asn arg lys asn gin gly ser pro glu ile cys gly phe lys lys thr
                                          271 31
241/31
GGA TOT OGA AAA GAT TIT CAC AAG AOG OIT OOG AAA CAG AOG III GAG IOG GAA AOO IIG
gly sor are lys aspiche his lys thrileu prolly; gin thriphe glu ser glu thrileu
                                         331 11.
301,101
GAG TEC AGT GAA CCC GCT GCT CAG GCA GGC CCC CGC CAC TTA AAC GTG CT3 TGC GAC GTG
glu dys ser glu pro ala ala gln ala gly pro and his leu asm val leu dys asp val
                                          391,133
361/121
TOT GGG AAA GGC CCC GTC ACT GCC TGT GAC TTT GAC CTC CGC AGC CTG CAG CCT GAC AAG
ser gly lys gly pro val thr ala cys asp phe asp leu arg ser leu glo pro asp lys
                                          451...5.
421/14:
CGG CTA GAA AAC CTC CTG CAG CAA GTG AGT CCC GAG GAC TTT GAG AAG CAG AAC GAG GAG
arg leu glu asn leu leu gln gin val ser ala gin asp phe glu lys gln ach glu glu
                                          511,1171
481/161
GCC CGG AGG ACC AAC AGG CAG GCC GAG CTC TTT GCC CTT TAC CCA TCA GTG GAC GAG GAG
ala ard ard thr ash arg oln ala olu leu the ala leu tyr pro ser val asp glu glu
                                          571/.9.
GAT GCT STS GAA ATA CGT CCA GTA SCA GAA TGT CCS AAG GAA CAC CTG GGS AAG AGA ATA
asp ala val glu ile arg pro val pro glu cys pro lys glu his leu gly asn arg ile
601/201
                                         631/211
TTG GTC AAG TTG CTG ACC TTG AAG TTC GAG ATT GAA ATT GAG CCC CTG TTT GCC AGC ATT
leu val lys leu leu thr leu lys phe glu ile glu ile glu pro leu phe ala ser ile
                                          €91/23:
GCC GTC TAC SAT GTT AAA GAA AGG AAA AAG ATC TCA GAA AAT TIT CAC TGT GAG CTG AAC
ala leu tyr asp val lys glu arg lys lys ile ser glu asn phe his cys asp leu asn
                                          751/251
77117741
THE DAY TAN THE AND THAT IT ITS HER ART HAD ASSISTED AS FOR FIRE AND THAT ARE CAR
one agreeit atteilige belygte leis and ala tim the promote all alla sea med alle
THE ARA THE REAL REPORTS OF A REPORT OF A HEALTH TALL IT TO TOTAL WAS ATTO TAKE FOR A WENT AS
alla arriver alla vullighe ter val thrityright sensem aspirle tyr led val val lyk
ATT GAA AAA GIT OTG CAG CAG GGA GAT ATT GGA GAG IGI GCA GAG GCC TAG AKG GIT AIC
tie giu lys wal leu bin din bly asp ile bly asp dys ala glu pro tyr tir wal ile
                                         931:311
AAG TOO ALC OTO AAA AT AAA AAG TTA GAA AAG ATA GAA AGG TOO TOO TA AAA AAG
lys alouses sep ally ally lys sear lys aloulys alouable lys len lys lon alouals alouals
                                          441 331
والمناز والمناز
```

```
TOA AGO TIT TIT AAT GIO TEE AGO OIT GAG AGG GAG GIA AGE GAT GIG GAG IGI GIG GIT
ser ser the phe ash valuer thrile: The arg out valuer usp values ser values
SGA AGA TOA GTO DOUT TA AGO DIG STI AGA GGA GEO AAD TOU GTO AGA AGO TIT TOU GAA AGA
gly and sen from val gly glu and and the led and glm ser and and led ser glu and
                                          1171/391
GCC ITC TCC TTG GAG GAA AAT GGG GTT GGA TCC AAC TTC AAA ACC TCC ACT CTG AGC GTT
ala lou ser lou glu glu ash gly val gly ser ash phe lys thr ser thr lou ser val
                                          1231/411
AGC AGC TIT TIC AAG CAG SAA GGA SAT CGC CIT ABC GAT GAA GAC TIA TIC AAG TIT ITA
ser ser phe phe lys glm glu gly asp arg leu her asp glu asp leu phe lys phe leu
1261/411
                                          1291 1431
GCT BAC TAC AAA AGA TCA TCA TCC TTA CAG AGA 03A GTC AAG TCA ATT CCA GGC TTG CTA
ala aspetyr lys argiser ser ser leuighn argised val lys ser ile pro gly leu leu
1321/441
                                          1351 451
AGA DIE GAG ATT TOT AGA GOT DOA GAG ATO ATO AAT TGO TGT CTG ACT COT GAA ATG OTG
arg led glu ild ser thr ala pro glu ile ile asm dys dys led thr pro glu met led
1381,461
                                         1411 4"1
CCC GTG AAA CCC TTT CCT GAA AAC CGG ACA CGC CCG CAC AAA GAG ATT TTG GAA TTT CCA
pro val lys pro phe pro glu asm arg thr and pro his lys glu ile leu glu phe pro
                                         1471 491
1441/481
ACA CGA GAA GTA TAT GTC CCT CAC ACT GTG TAC A3A AAC CTT CTC TAT GTC TAC CCA CAG
thr are glu val tyr val pro his thr val tyr are ass. leu leu tyr val tyr pro glm
                                         1531 (511
1501-501
AGG CTG AAC TIT GIA AAC AAA CIA GCA TCA GCC CEG AAC AIT ACA AIA AAG AIT CAG TIT
arg let ash phe val ash lvs let ala ser ala arg ash ile thr ile lys ile glh phe
                                          1591 \, (531
ATG TOT GGA GAA GAT GCT AGG AAT GCG ATG TOG GTC ATG TOT GGA AAA TOG AGG GGG CCT
met cyr gly glu asp ala ser asn ala met pro val ile pne gly lys ser ser gly pro
                                         1651/551
1621/541
GAA TIT CIG CAG GAA GIG TAC ACA GCT GIT ACA TAC CAT AAT AAG TOT COT GAC TIT TAT
quu phe leu alm glu val tyr thr ala val thr tyr his abm lys ser pro asp phe tyr
1681/561
                                          1711 \odot 71
GAA GAZ DIG AAA ATT AAG CIC CCC GCT AAG CIC ADA GTA AAT CAC CAC CIC CIG ITC ACC
glungli val lys île lys leu pro ala lys leu thr wal asm his his leu leu phe thr
                                          1771 - 591
TTO TAC CAT ATC AGO TOT CAG CAG AAG CAA GGA GMC TCC GTG GAA ACT CTU UTG GGA TAT
phe tyr his ile ser cys gln gln lys gln gly ala ser val glu thr leu leu gly tyr
1801/761
                                         1831/611
        THE AND THE THE DATE OF THE ARCHITCH THE ARCHITCH AND THE THE DECK AND THE
ler og lelgridde let let alb nå må arriek sin tir gly der tyr dyd let pri væl
                                          100
United the season of the river in the early can be needed for the orthographes and odd the other tables
a a 10 - 31. Ty. 10h ya - ya. a.h tya 101 mot his ser ala alu lyo wai pro leu ulo
AAT THE OFT ATT AAR THE SOT SAA GRA DAT AAG GRA GTA TIT AAT ATT GAA GTG CAA GOT
ash pic pro ile lys trp ala glu gly his lys g.y val phe ash ile glu val glm ala
1981/661
GOT TOT TOT GIA THE ACC ACC CAG SAC AND CAC CIG GAG AND TIT TIT ACC CIC ISC DAG ISS
wal her per wal him thi will ame and his low will lymphoghe the lew combine cer
. (1.4%)
Braingsgang militari mengherikan keraman di manangan melangan melangan melangan melangan berantah terbanah mel
```

```
21917731
2161/721
ATC GOT GGG CAG ACA GOT AAC TTC TOT CAS TTT GOT TTC GAG TCC GTG GTG GCC ATC GCC
ile ala gly glm thr ala asm phe sër glm phe ala phe glu ser val val ala ile ala
                                          33117721
AAC AGT CTG CAC AAC AGC AAG GAC CTG AGC AAG GAC CAG CAT GGG AGG AAC TGC CTG CTG
esh ser los ins asm sor lys asp lou sor its asp gin his gly arg asm cys lou leu
 . : 41 * 61
                                           3717791
SET FOR TAIL BIR CAR TAIL STO TIC COOLOTS FICA GAG STG CAA AGG GAT STG COO AAG TCA
ala ser tyr val his tyr val phe arg leu pro glu val gln arg asp val pro lys ser
.1401 '801
                                          .:431/811
SSC SCT COM ACT GOD OTO GTA GAU OUT COO NGC TAD CAS ACG TAT GGO RGC ACA TOA GST
_{
m qly} ala pro thr ala leu leu asp pro arg _{
m qr} tyr his thr tyr _{
m qly} arg thr ser ala
.1461 1821
                                          . 491 '831
GOT GOT GTG AGT TOA AAR CTG CTG CAG CCC FGG GTG ATG AGC AGC AGT AAC GUA GAC GTC
ala ala val ser ser lys leu leu glm ala arg "ål met ser ser ser asm pro asp leu
                                         2051 851
1521 841
GCG GGG ACA CAC TOC GCA GCA GAC GAG GAA GTG AAG AAC ATC ATG TOT TOA AAG ATC GCC
ala gly thr his ser ala ala asp glu glu wal ly: asm ile met ser ser lys ile ala
.1581 1861
                                          -311 831
GAT GGC AAC TGC AGC CGA ATG TCT TAC TAT TGC TCT GGC AGT AGT GAT GCT GCA AGT TCA
asplarg ash cys ser arg met ser tyr tyr dys dêr gly ser ser asplala pro ser ser
                                          . 571 831
.:641 1381
COT GCA GCC CCA AGG CCA GCC AGC AAA AAG CAT TIC CAT GAG GAG CIT GCC CIT CAG ATG
pro ala ala pro and pro ala ser lys lys this phe his glu glu lou ala leu gln met
                                          . 731 911
1701 1901
GTG GTC AGC AGC GGA ATG GTG AAA AGC ATG GCC CAG CAC GTA CAT AAC ATG GAC AAA CGG
ral ral ser inn gly met val lys ser met ala qlr. nis val his ash met asp lys arg
                                          . 791 951
2761 1921
GAC AGT TIT CGG AGG ACT CGT TIT TCT GAC GGT TIC ATG GAT GAC ATA ACT ACT ATT GIT
asp ser phe and and thr and phe ser aspland phe met asplaspile thr thr ile wal
                                          .3517931
MAT GIG GIG ACC, TOG GAA ATT GCA GCC CIT TIA GIA ANA CCA CAG AAG GAA AAT GAA CAG
ash val val thr ser glu fie ala ala leu .eu val lys pro gln lys qlu ash glu gln
1881/961
                                           311/971
GCG GAA AAG ATG AAC ATC AGC CTG GCT TTC TTC TTG TAT GAC CTT CTC TCC CTC ATG GAT
lia glu lys met asn ile ser leu ala phe phe leu tyr asp leu leu ser leu met asp
                                          9717991
HAR REPORTED BEGINDER AND OTH ATT ASA CATOTATING LARGOCAN CITY TO BOTH AAR OTH ARE
ura gly pho val phe ach los ilo ara him tyr syn ter gle los cor sla lyc les cor
AAR OTT THA ATT TTY ATT THE ATT ATT ABOUT TO THE WAS TIT THE AGA ATT OTT THE AGE HAT GAD ARE HAT GAD ARE LONG TO BEEN THE BEST TO BE ATT ATT ATT ATT. IN THE BEST ATT THE BEST TO BE AVER ATT TO BE AVER ATT.
CAT TAC OTC AAT OTG AAC CIT TIT TIT ATS AAT GCT GAT ACT GCT CCA ACA TOT CCT TGT
his tyr leu asn leu asn leu phe phe met asn ala asp thr ala pro thr ser pro cys
3121/1041
                                          315171251
COR LINE RAD CAR RAY COLO TO TOT TOT LOT LOT HAVE AND CAR AAR AT COR
                                          rystawn ier pae gan av gan lystale ala
Glistoni
proder the ender his association
```

```
3311/1101
                                          3331/1111
GOT GTO AGT GWA ATT WAY AGD DIG GTA AGT TOT CAS GAS OTG GAU SOA DGG IGT GTS AAA
ala val ser ala ile his ser leu len ser ser his app lou app pre ang bys val lys
SUA SAU UTU AAS STO AAA ATO SEE STE STE TAO OTA SEE THA GIT USE ATO ATT TIG GAI
pro glo val lyo val lyo rie ala ala leu tyr leo pro leu val gly ile ile leu asp
3431/1141
                                          3451/1.51
GOT TTG COA CAG CTC TGT GAC TTT ACA GTT G:A GAT ACT CGC AGA TAC DGC ACC AGT GGC
ala leu pro gin leu dys asp phe thr val a.a asp thr arg arg tyr arg thr ser gly
3481/1161
                                          3311/11
 ng gai saa saa caa saa sga sgc gui seu ait aac cas <mark>aat sig sci cig seu ata sca</mark>
ser asp giu glu gin giu gly ala gly ala ..e asm gin asm val ala leu ala ile ala
                                          3071 1.91
354171181
GGG AAT AAT TTC AAT TTG AAA ACA AGT GGA ATA GTG DTG TCT TCC TTG DCC TAT AAG DAG
qly asn asn phe am leu lys thr ser gly ile "a" leu ser ser lou pro tyr lys glu
3601/1201
                                          5631 12:11
TAC AAC ATO DIG AAC GOG GAC ACT ACT OGG AAC DIG ATG ATG IGO ITO DIG IGG ATG ATG
tyr asn met leu asn ala asp thr thr arg akn leu met ile cys phe leu trp ile met
3601/1221
                                          5-991 11231
AAA AAT GOT GAT CAG AGC CTC ATT AGG AAG TIG ATT GOT GAC CTG CCA TCA ACG CAG ETC
lys asm ala asp glm ser leu ile arg lys trp .le ala asp leu pro ser thr glm lez
3721.1241
                                          51 1151
AAC AGG ATT TTA GAT CTA CTT TTC ATC TGT CTG TTA TGT TTT GAG TAT AAG 3GA AAA CAG
asm arg ile leu asp leu leu phe ile cys val .eu cys phe glu tyr lys gly lys gln
                                          3-11 11271
3781/1261
AGT TOT GAC AAA GTC AGT ACC CAA GTC CTG CAG AAG TCA AGG GAT GTC AAG GCC CGG CTG
ser ser asp lys val ser thr gln val leu q.n .ys ser arg asp val lys ala arg leu
                                          3371 1191
3841 1281
CAA GAG GOT TIG OTG CGI GGG GAA GGG GCC AGA GGG GAG ATG ATG CGC CGC CGG GCT CCA
qlu glu ala leu leu arg gly glu gly ala arg uly glu met met arg arg ala pro
3901 1301
                                          7 (31 1511
GGG AAC GAC GGA TIT CCA GGC CIA AAT GAA FAT TIG AGA IGG AAG AAA GAG DAG ACA CAT
aly ash asp arg phe pro gly leu ash glu a h leu arg trp lys lys glu glh thr his
3961/1321
                                          3 (91)(13-31)
TGG UGG CAA GCT AAT GAG AAG CTA GAT AAA AMA AAG GCC GAG TTA GAT MAA DAA GCC TTG
trp arg gin ala asn glu lys leu asp lys thr lys ala glu leu asp gin glu ala lei
4621/1341
                                          4 (51/1151
ATC AST GGC AAT CTG GCT ACA SAA GCA CAT TUA ATC ATC CTG SAT ATG CAG SAA AAC ATT
The serighty ash led ala thright ala his bed the file led asp met gin glu ash the
                                          4111/1571
ATC CAG GCG AGC TCG GCT CTG GAC TGT AAA GAC AGC CTG CTG GGA GGT GTT CTG AGG GTG
the air als ser ser als les ser sys lyc arr ser let let ely bly wal los ara wat
- 141 17-1
א"א אולם דובו ואנוף לאו נורא יונד והאד ויכא יווא ביא לאו נדאי דים והאדונים נודים באא אידי ליווי
let will amb ter Der ame by high all the the the typ Den the bir byo ghe als the
$0.1.14:1
The the the set as you as the had been a condition that gas day steems and the
lou arg ala lou ilo ala lys pho gly asp lou leu pho glu glu glu val glu gln cys
4261/1421
                                          4091/1431
THE SAC STAITST CAS CAN GIVE STG CAS CAS CASS AGO AGO AGO AGO AGO GAI GIVE ACO COG AGO phe app low sys his gir value his bis cyclor cer sor most by wall the ard ser
4-01 1441
TAT THA TRA DOM ON ARE TIT THAT OF OTT CAN OTALL TO LOCALITY LABORS ARE TIT
ate staller at least the file
```

```
4471 11491
4441 1441
TIT AAT BAA GAG CAG ATG AGA AGA TOO TIG AGG ACA ATT TIG GOO TAT TIG GAN GAG GAG
one a nogil dit nis let and and ser let and through let ala tyr ser glu glu asp
                                         4531 1511
ACA GOO ATG CAS ATG ACT COT TIT COO ACC CAS GTO GAS GAA CIT CIC TGT AAT CIG AAT
thr ala met gin met thr pro phe pro thr gin val glu glu leu leu oys ash leu ash
                                         4591 (1531
AGC ATC TTA TAT SAC ACA GIG AAA ATG AGG SAA TTI SAG GAA GAT SCT GAG AT3 CTT ATG
ser lie leu tyr asp thr val lys met arg glu phe gln glu asp pro glu net leu met
46217.541
                                         4651 11551
GAT STO ATS TAC AGA ATT SOC AAG AGT TAC CAG BOA FOT COT GAT CTG DOG HTB AGG TGG
asp leu met tyr arg ile ala lys ser tyr gin ala ser pro asp leu arg leu the trp
                                         4711 (1571
OTC TAG AAC ATG GCA GAG AAA CAN ACC AAG AAG AAG TEC TAC ACG GAG ECT HOC ATG TGC
lou din ash met ala glu lys his thr lys lys lys bys tyr thr glu ala ala met bys
                                         4771 1591
41417.581
CTG GTG CAC GCC GCT GCG TTA GTG GCT GAG TAT JTG AGC ATG GTG GAG GAC CAC AGC TAC
lou val his ala ala ala leu val ala glu tyr leu ser mei ieu giu asp his ser tyr
                                         4331 1511
4801, .601
CTG CCC GTG GGC AGT GTC AGC TTC CAG AAT ATT TCT TOC AAT GTG CTG GAG GAG TCT GTG
leu pro val gly ser val ser phe gln asmile der ser asmival leu glu glu ser wal
                                         4891 153.
48 61 / 1 621
GTC TOT GAG GAC ACC CTG TCA CCT GAC GAG GAT GGG GTG TGC GCA GGC CAG TAC TTC ACC
val ser glu asp thr leu ser pro asp glu asp gly val cys ala gly gln tyr phe thr
                                         4 151 1 551
4121/1641
BAG AGT GGC CTG GTA GGC CTC CTG GAG CAG GCC GCG GAG CTC TTC AGC ACG GGA GGC TTA
giu ser gly leu val gly leu leu glu gln ala ala glu leu phe ser thr gly gly leu
4981-1661
                                         5011 1671
TAT GAG ACA STE AAT GAG GTC TAC AAG CTG GTC ATC CCC ATC CTA GAA GCG CAT CGA GAA
tyr glu thr val ash glu val tyr lys leu val ile pro ile leu glu ala his arg glu
5041/1681
                                         5071/1591
TTO OGG AAG OTG ACA OTO ACT CAO AGO AAG OTG CAG AGA GOO TTO GAO AGO ATO GTT AAC
phe and lys led thr led thr his ser lys led gln and ala phe asp ser lie val asm
5101/1701
                                         5:31/171.
AAG GAT CAT AAS AGA ATG TIT GGA ACC TAC TIC CGA GIT GGT TIC TIT GGA ICC AAA TIT
lys asp his lys arg met phe gly thr tyr phe arg val gly phe phe gly ser lys phe
                                         5101/1731
5161/1721
GGG GAT TTG GAT GAA CAG GAG TTT GTC TAC AAA GAG COT GCA ATT ACC AAG \P TT COT GAG
gly asp led asp glu gln glu phe val tyr lys glu pro ala ile thr .ys .eu pro glu
                                         5251/1751
5221/1741
AND TOA CAN AGA ONA GAG GOA THE TAT ONE CAA TOT THE GOD HOA HAA THE FOR HAA HEG
il)) cer nin ara led als all allaphe tyr dly sin syc phe sly alla sis phe ca. sis val
N. = 1 17 1
ACT ATA CARA CARA CARA TO CARA TO BARA CARA CARA CARA CONTROL CONTROL ARCARA CARA CARA
                                    the lyging on the sum lyginia ty. He win
                            4-1 - 7
ATU AUT TIT OIT BAG DOE TAG TIT BAT WAS TAT GAG ATS AAA BAG ASG GIC AGA TAG TIT
ily thi pie val glu pro tyr phe asp glu tyr glu met lys asp arg val thr tyr phe
                                         5431/1811
GAS AAS AAT TIT AAY CIC CGS ASSITTE ATS TAT ACC ASSICCES TIT ACC CIG GAS GGS CGG
gir lys am the ach let and eright net typ the the ye phe the let gib dly and
יים לוחד לו היו היא לתוח לתוד ואת מות תלה אישיי את היא ומישו לאו בתו בתו בתו בות ואו אלם בכול מות.
```

558101861 5611/1871 ATT GAA GIT GOD ATT GAA GAA ATG AAG AAG AAG ACC CIG CAG ITA GOA GIT GOO ATT AAC ile plu val alwile glu mog met lys lys lys thr leu gln ieu ala val ala ile asn 5671 1891 5641:1881 CAS GAS CCS CCT GAT GCA AAG ATG CTT CAS ATG STG CTG CAA GGS TCT GTG GGA GCT ACT gin glu pro pro asp ala lys met leu gin Met val leu gin gly ser val gly ala thr 5701/1901 5731/1911 STA AAT CAG GGA CCA CTG GAA GTA 300 CAA 3TG TTT FTG 30T GAA ATT CCT 30T 3AT COA val ash gir bly pro let glu val als gir val phe let sta glu ile pro ala asp pro 5761/1921 5791/1931 AAA CTC TAT CGA CAT CAC AAC AAG TTG AG3 TTA TGC FTT AAG GAA TTC ATC AT3 AGA TGT lys led tyr arg his his asm lys leb arg led cys phe lys glu phe ile met arg cys 5621/1941 5851/1951 GGT GAA GCT GTA GAG AAA AAC AAG CGT CTO ATC ACG GCA GAD CAG AGG GAA FAT DAG DAG gly glu ala val glu lys asn lys arg lei ile thr ala asp gln arg glu tyr jln gln 5911/1971 588171961 GAA CTC AAA AAG AAC TAT AAC AAG CTA AAA BAG AAC DTD AGG CCA ATG ATC BAG DGG AAA glu leu lvs lys ash tyr ash lys leu lyd glu ash led alg pro met ile glu arg lys 5341/1981 5971,1991 ATT CCA GAA CTG TAC AAG CCA ATA TTC AGA GTT WAG AGT CAA AAG AGG GAC TCC TTC CAC ité pro qlu leu tyr lys pro ile phe arg val glu ser gln lys arg asp ser phe his 6001/2001 6031/2011 AGA TOT AGT TTO AGG AAA TGT GAA ACC CAG TTG TCA DAG GGC AGC TAA arg ser ser phe arg lys cys glu thr gln leu ser gln gly ser OCH

A. Alleli: variations: single nubleitide changes (polymorphism) between CLASP-5 cONA

Isoform	Nucleotide(s)	Consequence
<u>:</u>	1727	C to T change; mis-sense
		mutation changing coden from
		alanine to valine
2	1749	A to G change; silent mutation
3	2277	G to C change; silent mutation
4	2853	C to T change; silent mutation
5	3427	A to G change; mis-sense
i		mutation changing codon from
		lysine to glutamic_acid
6	3777	C to T change; silent mutation

B. Alternative splices Consequence premature, in-frame stop codon Isoform Difference Nucleotide(s) 1806-1944 exon deletion leading to the production of a truncated, most likely soluble protein additional, in-frame 48 nucleotide exon insertian between 2857 and 2858 exen that contains a stop codon at the second codon, which would lead to a truncated, most likely soluble protein

These differences may be found separately or together in various combinations in the different human CLASF-5 isotorms

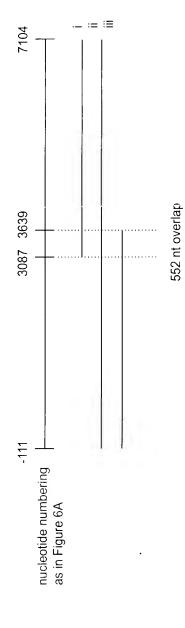


FIG. 6C

1st partial expn (nucleotides 3793 to 3952)

COASCIGIDASCONASCIDASTANCETICOANCETCATITECATGASCITAS

ASTICCIGASANCETCISTAGCATGASCATOTECATOTGAACCITITT

FITA FSANTGUIGATACTECTECAACATOTECTIGITECTATOTTACCAS

STANTARAGAATATTAACTAAAAGAATTATTCAAGCITAT

3rd extm (nutlectides 13662 to 13631)
CATAACCTCTTGATICCTGTGTGTGCCAACABATCAGCAAAGTACAAAGG
AAAGCTGTCAGTGCAAATTCACAGCCTGCTAAGTTCTCACGACCTGGACCCAC
GITGTGTCAAACCAGAGGIGAAGGTCAAAATCGCCGCCCTTTACCTACCTTTA
GTTGGCATCATTTTGGATGCTTTGCCACAGCTCTGTGACTTACAGGTAATGG
CCCTTCIGTTTCTTTCTTGGATGCTTG

7th expn (nucleotides 20928 to 21015)
TCAAATTCCTATCAT SCATTTCTTAACTCCTAGGGAACGACCGATTTCCAGGC
CTAAATGAAAACTTCGAGATGGAAGAAAGACCAGACACTTGGCGGCAAGCT
AATGAGAAGCTAGATAAGTGAGTGACTCGGCAACTTTCTGCTACTTTTACCT

8th exem (nurlectides 05785 to 05861)
GCTPTAATTTGADCTOPTGTTTTTTTTTGAACAAAGGCCGAGTTAGAFCAAG
AAGCCTTGATCAGTGGCAAFCFGGCTAGAGAAGCACATTTAATCATCCTGGA
TATGCAGGAAAACATTATCCAGGTGAGGAAAACAACACDCAATCTGATTTG

Jen ekun (nurlettides 17242 to 17376) GEATTCAATGAT SCTOTTCCTTCCATTCCCCCAGGCGAGCTCGGCTCTGGACTG TAAABA AABACAGCTGCT SGAGGTGTTCTGAAGGTGCTTGCAACTCTCTGAAC TGTGATCAGAGTAACCAGCTGACTGCTTCCTTGCAACACTCCGTGCTCT CAPCGGCAAGGTAAACCTGGGATGCTTGTTTCCTCCTCTTAATT

10th exon (nuclectides 28582 to 28734)
ASTGATECOTAATGGCCCTTTATCTCTCCTAGTTTGGAGACTTACTCTTCS
AAGAGGAGGTGGAACAGTGTTCGACCTATGTCACCAAGTCCTGCACCACTG
CAGCAGCAGCATGGATTTTGGAGCCACCAGTGTAAGAGTTCAAAACCAGCTGAG
TGACCTGGAATCAG

11th exon (nuclectides 31046 to 31004)
TTACTTCATCTTTTTTTTTTTTTCACTGATGATTTTTGCAAGASTAAAGA
TECAASTAACCATSTCCCTGGCATCTTTGGTGGGAAGAGCACCAGACTTTAA
TEAASAGCACCTGAGAAGATCCTTGACGACAATTTTTGGCCTATTCAGAAGAG
GACACASCCATGCAGATGACTCCTTTTCCCCACCCAGGTACACCGAAGCACAT
ACCTTGTCTCATGCATGAGT

13th exon (nucleatides 33663 to 33855)
TOOTGAAAASTA MTOTBACTBAATCTGTCTTCAGAATTGCCAAGAGTTAGCA

The Marian Control of the American Control of the Amer

14th exch (nubleotides 38125 to 38268)
DISTICIONAGECTATACIGTEGTOTOTOTARATATTTCTTCCAATGTGOT
SAGGAGTCTGTGGTOTOTGAEGACACCCTGTCACCTGACGAGGATGGGGTETG
DECAEGCCAGTACTTCACCCAGAGTGGCCTGSTAGGCCTCCTGGAGCAGG
DOECAGAGCTCTTCAGCACGGTOAGTGCCCAGAGGGCATCCCGGGGCCTGGC

15th exon (nucleotides 40166 to 40297)
AATTOTOTOTGATGOTOTTOTOCOTOTTOCAAG <u>GGAGGOTTATATGAGACAGT</u>
TAAT 3A SOTOTA CAAGOTG GTCATOCOCAT COTAGAAGOGCATOGAGAAT FO
DGGAAGOTGACACTCACTCACA GCAAGOTGCAGAGACCCTTCGACAGCATOG
TTAACAAGOTAGOCGGGGAGOOTGGCTGGCAGGGTCTTGTTAC

16th exon (nuclections 40755 to 40889)
TAAGGAGAGCTTTTTATATTTTGTTCCTCAGGATCATAAGAGAATGTTTGGAA
DCTACTTCCGAGTTGGTTTCTTTGGATCCAAATTTGGGGATTTGGATGAACAG
GAGTTTGTCTACAAAGAGCCTGCAATTACCAAGCTTCCTGAGATCTCACATAG
ACTAGAGGTAAGAAAAGTGATCTGTGCGCCCTGACCTGGTACACCTTTAC

17th exen (nublectibles 42307 to 41396)
AACCTTTATAAACTGTTBGTTCTTACCTAG<u>CCATTTTATGGTCAATGTTTT</u>
BSTBCABAATTTGTBGAAGTGATTAAAGACTCCACTGCTGGACAAAACCA
AGTTGGATCCTAACAAGAGTATACAAAAATTTACAAAAACTAACCATCAAGC

light exch (nuclectides 48864 to 48867)
ACAGTGACTTCOCTATGTTTADGTCTCATGTTCAG<u>TTTGTTTTGACACCGATIG</u>
AAGTTGCCATTGAAGACATGAAGAAGAAGACCCTGCAGTTAGCAGTTGCCAT
TAACCAGGAGCCGCCTGATGCAAAGATGCTTCAGATGCTGCTGCAAGGCTCTGT
GGGAGCTACTGTAAATCAGGTAAGCAAAAACCAGAGGTGCCAGCTCCT

TI GERAATTI AGTAGAG

21st excn (nucleotides 62398 to 62568)

CCATTTATTCCCCACACTGATATTTCATCTCAGATGTGGGAAGCTGTAG

AGAAAAACAAGCGTCTCATCACGGCAGACCAGAGGGAATATCAGCAGGAAC

CCAAAAAGAACTATAACAAGCTAAAAGAGAACCTCAGGCCAATGATCGAGC

GGAAAATTCCAGAACTGTACAAGCCAATATTCAGAGTTGAGAGTCAAAAGAG

CTAAGAACAGGGCAGAGGGGCCCTTCCTGTGGGAT

22nd extr. (hublectides 63040 to 63294) CCTCCCTCTCTTTCTTAATTTCAGGGACTCCTTCCACAGATCTAGTTTCAGGA AATGTGAAACCCAGTTGTCACAGGGCAGCFAAGAAAAGCCATCTTCATTCGT G SA SA STIGTIGGOOOTIG DAAD DOTIGGAGAAGGAOTTIGO FIGGTAOTTAAAAAAT T SGAA SCTTTGGGATOCCA SGAACCATGGAATTATTOOCAAATGGACTCTG. CCAGATTTTTGCCATACTGGGGGGTGGCGGGATGGAGGATGGGTACTCAGGC A I SA DI GOGTATTITATITAAAGI GI GITTITTO CACAAIGITAO CAAACAAGGOAT AASCAGCTTCTCCTGCTGACTGGCCAATCACTGCCCATCTGAGAGATGATTTC TOTGGCCCATATTTGAATTTATTGGAGTAACTCAAATTGCCTGAGGAAAAAT GGAAAAATTATCCACCAGTCGATTCAAACTGAATTTCACTCTTTTATAGGAAG GCAGGGCAAACTTGTAGGAGTACGAAACATTTTCAATAAATCTACAAAAGGGA AGCOTTAC FACAATTCCAAAAATCATCATGGTTGGAAATTTGGGAGGAGATT ATTTGTGAACTTGTTACCCTTTTGGTAATGGTGGACTAATTGCTGTATAGTTAT PTTTGTTTATTATTACTGTTACATTAATTTAACATGCATTTATAGAAGAATAC ATTCAAA::CACTGATGTAGGAGATACACGGTACTTGGAGCAGTCAGCCAAAA ATCA CAGATACTGOTTTCACTTAAATGGAAACAATTCTCCGATAATGCT FTGC TTTTTTTTTTTATGTCACTCTTGTGTACTATCTATTTTTCTCCTCTCTGGGACCAA GTTTCTTTTTATAAAGCAATAATATCTCTGTTTTCATTTCAGAACATTGTGCTG TOTGT DAGCATATGTATATCAGCTACAAAATATATTCAACTTTGACTTCTTTTG ACAAAGGACTTTAGGAAAAGGAGGAACAAAGACATTATTTGAGAATTAAATT ATATATTTTTAATATGACTGTGACCTTGACTGATAATAAAGATGTAATAAGAA TTGCAAGCTAAAAAAAAAAAAAAAAAAAAA

STICTCTGTGGTTAGTCACTTAGTGACTTTAGATAAGTTTTTCCAATTTTATGGGTCTTAATTTCCTCAGTTTAAAAATA AGAAQDDBBDSTTGAGAGATTTGAGGSCTSATCAACGAAAAGGATGAGGACATAAAAAGCAGTSA AAAAGCTTCATT GAGCAGCAC L'EGA TAGGETTACATAAGA E DÉGAAGCET C'ECCHAGCATGA FAAGAGCATGA TU ET SCAGTGAGGAGGA 996 GACCAT DOAGA 3GA 3DAGGGGAACTO DOAG 3GGAGAGGAGGATTAGUSCOAGAACTTATAGATOT 3GGT JAGGCTGC FOC DIATOTOREAADET: TATRICODE REATIORADBAI RICER-MANDOIDEAEARA DE TRRETOTE ARRENTRAL MIRALA ttatilatiaggaaa laictetocatogaga tittat joggio egüaaagga egoag egaataaat egateaaatote et TATAT BAGOTA ITT I ISTTAATGACTGS BOATGGTAAAATTIGA STTAGGTATGAG SCAAGGAT (AGCAC CAGTOGA CA GAAAAA BACA PGAC 1 TTOTAAA BGAAG PODTGTO INCAGOCATACCACCO I BAAD BCACGCAGT DICA ICTAAGGGAAG TOOTGATAAG SAAG JAGAATAATAAAAAAAGAA TOOTAAAGAAACATGAGAAGTOO JAAGAATAA CACO DCATGAAAAGAATOO TRACCO TRECOTO CAGOGGATO ITOTOTOCOA SGALOCACAGAATAGAA PEGCA BAGGGACAC FICAD FOCTOCTIFE COPOCOPOT POAGTA TITAGGAT POCAG STITA SIPOTATO TICAAAACTTTAASTT SAGTGTATSAAAGA PA DOCTAGAPI ACCACT SCAGACCCA SGCTT AGCTACTCACAT SCA SGCT ATCLT CATTCCC GACA SGGAAATAAG SCAACC CAAGGTAGA DAROT ROOT POODES CAAAAOTOATGET DE LATERE ECHTEROT CETTUOETT ECTTERO FÒTHSOEGAC LATOTEROCOO O SAGATUCCIA AGGORAAA OTO AS TECOTOTES TELETUTES DE LA CATE ATETOTE SE SUCCESA SAGA CONTRA CATA SAGA SAGA SAGA AG BÁGT TAAGAA GO DEGGAT GOT BATTO UT BO BAGAC GATTAAT TAGTTOTGTGA TTGGGGAGGATGAGGCTT TTGAGGGAT TOATTT BOTCA I DIG CAAAAAA DIAGG RIGGATTAGATTIATO DAOTGATTOIGIGGOTGIGIGIOTGODA FIGACATOC AC BGAT BITACINA BIACCATTA GIGGCADICA GGICT (AGAAGGICACTGACOCCATTOGIGGIGACTTAATICATIC AT JUCA BUTCTO PAGATACAGIA PGAACTINA PAGULTAAGCAA STEGTATIOTITACAAAG PUBE INGAUTATCATCATT TO JATAACO PAT PAT STITTECTG COATOTAAA SAT ET TWIGGOAATGGATATAACCETAGDOTE P FITAATAGCOTAA aaatagacaaatoga ettocticaattactig ecif eteactitacaa egegocactaa-scaaacacocatecctieggeta 50,6 GCATTGTGGGTCTTGGCCTTTGGGAAGGAAGTTTTTGGAATGCACCTCTTTTCAAAACATCACTCATACTCCTC TT 16AAA DSPCTAT I TTTT I CT FTTGAGATG SAG FC FLACTCT STIGCOCAGGCCAGAGTGCAG AG PGGCAGAATTTT 3°C TO ACCO BAAAC POOS BOTCACAG FITCAAG DGA PILD FOCTTOOT BAOCOTOS DSA FIAGOT SUGA FIACAG STGTOF SEC ACCAPT POPOGOTAA TITTI COA TITTIAG IA GAGACAGGITTI DAOCATGITG GODAGACTGG FUTTGAA DICTGG DE CAAGUGA POTGOCTG COTGOCGTCCCGGAAGTGCTGGGGATTACA GGTGTGAG CAACCCAGCCAG CCAGCCTAAAATGTCTGTGTC TT 3AAF SATGTO FCAAGGGAC CTATGAAAGATAOO DA FAGTSGG SOCTTOTT FFAA STGOCAAF S FG FFS F S9GTFCAAG TT DOBATAGOOGGET EGACCOGA SACCT SE FAA PGA DIFAACCTAAGTGACAG SEA DATGAC DAA SE DE FAA FOOCET DAA TGTGCT 36 F6GC FCCACT6C FCCAAA6TFA 30 CAG 3AGT6CACA FCGAAA6GTTA F3GGAT 3F9G FAAC FGTGCTTACAT AGAAGT DATATG FFF PROTTTTAAAATAATAATA FAA 1900ATTTACTTTAA STOGAT STOTAACTA PAATTAATT CT STAIS SCAAFA FOT DOCAC AACACATTIGOT FOTT STAAAATG SCTIGAAAA FAT STIG FTCA FT FAAAT FA FATTIGF FI FA GT TTGTRATCCCAG CACTTTGGGGAGGCCAA 9G DSG SAGNATCACCTGAGG CCA 9 3A 9T FCGAGAC NA9 0 F T990CAA CAT GG TTAAADCCCAT TIT OTAGTA AAAATACAAAAAT FAGGTGGGCATGTTGAT ET SCACC FG FAA FUCCA SC FACTOS SAA GG CTGAGGCAA GA CANTOGCT TGAACCT 3G SA SA TSAA(GGTTGCAGTGAGCC 3A SA FCA TGCCACTGCACTCCAACTCCAA CA BAGGAAGAG PO ESTATOT CIPOTOT OTOTO POT LIPO POT OTOTOTOTOTOTATATATATATATA PATATATATATATATATA PATA ATA TATA EG EGTATATATATATAT GEGGTATATATA PA FATO PATATATATATATATAT 3 F 3TATA PA PAPATATATATATAT SEG AT A PAPATA PA SIFITIAAAAAAACARACTA MICHTI SAA STUACIGAAGAGAGGAGG DA IGTO FAT DA CANG SAT SA IGCITT DA AT PTOTOTO E COMO POGGGGGT DATAA DAAT GAAA TATTGAGGAGODOAG ET GOATCAGOGOOD DOE FOOTTOODD TAT TT PSOCTT PAGAGGA SOTISC CTOTGAGET TO SG S PO FTTOAGTTG FTOAGOTT SO DI SIGIGGAA-SCAAG S GI POTOTOTOA A GA DAGTCA DO PETT FOTGOT TT DATTG OT FGO PT DATGGTTPA PTTTTTAAAG BAAGATTTT PO BTAAAAACTCTT GCTTTCTT PCTTTTTTTTCTCCCATTTCCTCCTCTTCTCCCCCACTTTCTGGGACAAGCTCCCTGAGTTTTCTGCAGGAACATGCAC A BRADAST ESTA PLATAMAS TEATOTA POLIA PALENTA PLA STEPOATACA SE ODATAVEGA SECOADTECT PONT THE ACADOMOST CONTROLLAND OF THE PARTY OF THE PARTY AND THE PARTY OF THE PROPERTY OF THE PARTY OF THE PARTY AND PARTAARATISEERTLATERAY AR ET TOAY TYOTARKAA LASKA YARAK OO BAAK AR TETAK YAAR 1990 EYTEN YOO TARLES NAMED ATA TARATERA MENTE TA TER TOTO DE SE SER ATO DA PARTE SE SANTE DA PARTE DE SANTER DE SER EL POPA DE SE am ettom dami iga i caetome dettetettetamaas as maemies ettotet de tom caetom etto caetom ettotette TAAAT STIT POATTOOFOTTITI CA PTTTT STIFGOGA SCITCITCAGCCAAGCTCA STAACCTITODAAC SCIPCAF I TOCAT SAG GOTTAGAGT POOTGAGAATOON OT STAGOGA IGAGGATTAGOTCAATOTGAACCT ITTT ITATGAATGC IGATACTG ITC CARCATOT ESTIGIC STICCATA POTTO ECAGGIAATAAAAGAATTATTTAA ITAAAGAA FIATEGAAGCIATITGATT TAACTAGCTCAGTTTAATCATCTTTTC:TTATAAAGCAG TYYCTGATCAGGTTAAGTAAAGYCAAGAATCCAATAAGCCCTATGAAATTTAGAAACTCATAGAAAAGTCTCAAATY

A BABCAT BAGBCAAAAT TTOTCATTATTA BUTTATATTTOTGTTGCATATTC DTTGATACTAGTACAAAAAGTGAAGGCDT STOTTA IT AATTOAAAAAAAAATOTTAGOOATATATOOOATATGOOATGATOAGATATTA SOTACAT SA SCAT STACATOTTAGOO PAATE BACEAE OOR DOLFOTTETTEAAATATETAAAATTAAAATTETAAAATTETAAAAE TOOR OOLOGISAE daaade bbi 66 af be acooe etdagtot cocotte dacoott tottbe at eosatte aret erene 1911 eaaan do AGGA PA DA AM ADA SGA DAGGAA PTA CTGA EGACOGGTAAAT O PAATACTT DOCT OC TAC TAC DET AGTA ET PE AGTA E DRIANT É TIR AC ACIR Ó DTÉ É CIAC É DOG DAGIT CÉ AI É TÉ AADACITAAA CODAATIR DE TERIANDIS CIDAAAAC DARC TATAC I CAAAASTASTADAAC LAS 1005 ACOATTS AS SAC EDAOTTOATAASOTS AS GOAAAC COAS AS SOTTOTACOACO CTAC FAAAAATA DAAAAA DECAT DA EGTE FEG FEG FAG FGTGA ET SIZAA FIDICCA E ETA DE FE ES SA DGO FAA E EDAA EA EA E GCT SAAC COGS SA SAG SBA SET CODA DI BAG DI GAGACAT SCOA DI BCADA ICIDA SO DI BESTAA DA DA DI DE CE THE ACT THE ACCESS THE SECOND TO ACT ACT TO THE ACT OF THE ACCESS CAGO NON BAYON DA SED SE SAAA BEGAGO EN CAT POATINT DOAS DA SA DO OG ESSE E CONTONA PONDOS DOTOS DO CORRE TIGG BIABIT TETT OF OF DE BEBBBAAB BEBBBAAB FIGOAGTAA OCADT DE BEBBB DOCAB FIT E DI SETTE FIDOBBI SE FAT DE BBDA TITATI E TAN CEPTI ACAAATEACT CAE EAE CEE SE TOE SITOREAAE CAC TO SE WAE E COLACUTOIATO WIE AE ACO TOAIT FO CAGIT OTMICO FOR A PAARA PEROTECO PRACETOT OF PAGA A OFICA ROPO OF SOMEOA BODICO DA DIACOA GAA BAT CBCCA-9CA FBTT CBAT CTIAC CT BCBAG TA DOGC DA BDA BDA CT FDD FDAC DGB BDD CCTDT FDA DABAAD FBB A PARABANT TOCART AND AND AN THEAR AND AND ANA AND TOTAL AND AND AND THE SAME TO SAME AND THE PART THA AND THE CIPGIPOTICIBA BAAITA CIGIGIDA DIDIDA DAAG DA DAAGGOA DAAGAAA GO DOTTTIDITIGITIGITAGAAA GIGIDA DOA GO BATIGIGIGIAA TIDGAIDEAGU BAACU ILICURA SIGA SI BAAA SO BA DITTI TAACAAA SIG SA DA SIDATI SIDAGAGG IAACCAIDAA GA TA SIDITI A GTT DAAAGO TGATGAAG SAAATAA IGG OT SO PGAGAAGGOAGO IG I DO DA II SOO DAGATTA SOTITTO II IGOA SACA SII SO TTO FOAGGOCAAGABACA OOA SA SATO SA GGOTFOTGAATOO TTITTA SIS FOIFA FOIRAT ODGATTA SIPOAG SAGATAS P GGCAGTATOTA GOCTAGAAGT DAA (AGACAGAGAGAGAGAGACCADOD DOT COT TOTT MOOCTAT FONTOCTA F GAT BGAGTCAGAAAUODACAG DO FATO FGATOBGAG FGAAAAAAGATAA DE DOL FIDTAAAA FA FTATT DATT DOET FOAA D AC ACACAAACAC ET CATACATAE AS AC A ACATE AGATT DE DE TAGAC A AGACACA E ET CATAC OTTO CATACAC TAAGA TAAGAC AGA aaa dyogodygo booydgagagag by baccat boagggadtoagayttoaaaga bgattaagat becanagtagttigaga tigaga ti da ACIA DITTUTGIST-SITUMBADA UNA SIGIDANT GABARANG AGARANCTITO DOLA DITA TITUD DA TAA DAGAGAA DGAAAT DITAAAG D CAPTECTOTO COAGRICO CENTRO AGA COCAPTO COTO TA TACO AAA COA TOTO DE TRACACA A BEAAC DITOTOCO AFFA D TCC TATGCTAAAGAGGTTTCCAGAATAATGT PTGCTAATTAATGGTAGCA PTG C PSTATG PPATGGATGGATTTTTTATCT AAA TIIGAA TITTOTGAAIITTOT STISAAAIITIIS TITAGAATTTAIITIIGAAIIIGAAADA IIIGAGITTI STITGAATGAAAAAAAA SAA GAG CACATOGA STITOSTICOAA CTO CAACAGTOACATGTGTCCCCAAGCTATGTA-COCAGGC TGACACCGCTGAAGTGACTCC TAT PTOTGOGTOTOCTGOCAG PARTICTOGOGGAATOTCATGOTTTAG DITCIDAATTOT PODTGOTGOTGOAFATAAADTG GCC TGAGTATATCCTTTGAGAACTICACTTTCCATGGCTTCAATTCTAT TTTOTCTTCTCAACTCTAACTAAATTTCTCTC CAATTATCTCAGGTAGAATGTT DTACCCTACAACTAACATAAATTTOCACAGCAACAAAAAGTGCACOGAACAGTTAT BCT TIG COCTITAATAGCAGTACTITAAGTGATTTCTAGAAACATCTTTAGTATTTACAATAG IGTAGTTTCTATTTCTATT TTCATTCTAGCTGGAAACAGCCATGACATTCTGTTCTGGATTCCTTGTAAAATTGTTGCTGTTATTACTAGCAACAAG ACACACGCACACACGCGCGTGCACATGCACACACACACAGCACCTTTCTCCCCCCAAAAGAGAATTAACAGTGTAACTCCT AT-PTAAGGTAAAA GTGAGAAAATOTGAT ESTTGAAGAATA STDGGTATDGAD AAGGA ESTGGGTTTTG TETGGTT PTC GATRAC CUTACHUARDAAGA, GEGA AGREET TÄGGTAGATGTOGAAAADOTTGAGATUGTUBAGAGAADOTTGG aan mata soja en allejeten letten allegtettes etteratoret earanteen etataterikkaagtoteta I FINT FITANACE, A 11 STETTITIA A FIN BIARANATTETETATOTATOTETTOTOTANACEAGANATTGCANTRO TANT BAAA BANA MATERI, BEAMBA BABATA AA TAAGAAANAANASITTI GAARPAATTAGAATTAGAATTATOI I ACTUTA DOCACAGTO CAACAGTCUCAGTCATTUAAAATTTTGSTTAATAUTTTCTATATAAAGGTTGAATTUTGATGTAGG TTTAAGTFCTAGGGTACATGTATACAACATGCAGGTTTGTTACATATGTATATATGCGCCATGTTGGTGTGCTGCACCCA TITTERIAPARARETERTERTERTERTEDITETTERTETTETTETER STALARRET AFTET LAUGE TALER A PRITRAT MATGITURGIA MAAGGAWAT JAAGIWATGO PITTITATGGGTGATAGTATTOQATGGTGTATATGTGGGA ATTITOTIAATO A TOTA O ATTIATO A CATOTO A CATOTO

CATTATCCTCTY TCASTTACAGGCCCCCCCAAGTAACQACTATTCTGACTGTTATTATTAGAAATTAATACTGCCTGTT TTTT ADTTAT BADTDTDTADGCTBDTGTDATTTSCTAPAGTDI GAGTGTAAGGTCGTTTTTTTTTT TGA TAGUTTA. DTTG r betott tatol ttobtoppobett tacatt aak totottto tottototto atattoatottoottat toototot TATE GOTATTA EGAAACAGCTOCCCTCAACA ES CTOTSCATOCTTTTGGGTG GACGCTCATTTC CETTGGGG CTATAAATADAC DOTA TTTTTTAT CTAATATADT BOTOTTGAATAGTTAATAAAFAT BTGTADATGBTOTTAACAAAA TGTUNAANJAATATACTOTGAGOTA BGAAAABAAGAGAGOAAACAAGTOAAAGCAGGAABA IGG DABBGAATAACAAAGGTG ATAG IDAAAA PAAA TGAAATAAAGAATA SAAAAAACAATCACG SAAATC DGCAAGAT SAAAA YOOTTATTATTAGAAAAGAG CAACAAAT FIJAGCAA TOTTTAGO FIJAGITISAO IAAGAAAAAAG IAA IAA BACTIDAA FTA IITAAAATCATAATTIJAAAGA TTC AN DACAATC ATAT DACAAGA BA DOTTATABAAATAAAAA BGATTATAAAAAGAA FAO BAT BAADAA FTGAAA BC DATO AAPT FRATKARC TA JA TTAAA TIGBA KAAAT KUU KTAAAA SIGTACAAA SIKA STAAAAT TIGA SIC SSAAGAA SATA TAGAAAA TOC AAATAGANG TANA SAAG FAAAAAGA TINAA BITAGTAATOAAA NITUNDAGA FAND NITUTATOTA OO NA NA NAAAT TICA A INSTITUCAÇÃO DO AGOCTEGICIDA AGESTIGATISA AAACO DOGTOTETA DIFAAAAATA CAAAAA TITAGO FEEST SI ESTIGO COCOMA DO DA FARITO DA TO TACIDA SEGRAGO DI SA AGGA SAA SAA DOA DITORA SA DE SIGAA A ABDAIGA SE TEGA A SI SAAC TTAAAATT PAAAAC FY STOATOAT AGTOATTO GEGGGGTOAAA SOTA AAA TAAA TAAA STOATO AGAAATA TOAAAAAAAAA ATTAN ITOTAAT TTITI FACCAACII I DCAGTOTIUT OTTOUAAOGAATA SAAGAGGI GGAATA OTTOUC GAOTT GIFFOTAT GAAGHTAGCATTACCC TATACTAAACCABACAAAGACATCATGABAAAACTACABCCABCCABGCCABTAACTGATBAATATABATGT MACAC DOTONACARACACTA SINAA DEGAA TOMAADAGCA FATAAAAA SISATTA TA DACCAT SISOTAA STA ISATTATO TOAGO AATGCAAGATA GGCTG CATA-CCT GAAAATCAATTG FTGTA JCA FAT FAATAAAA CAAAGGCACAAAA CCCATACAA TCATU PTAG TAGAT BCAAAGAAAA BCATTTAATAAAATCTAATAAA BCTT DCTGATAAAAAAAACACTCAA CAAA DCTTTAG CASTI-OTTTATOCOTAAGATTAG BAACAAGACAAAAATGT DIAGODTT BODACT DUDATT DAACATATTA BBA FTTCTAT CTAGO GCAATTAGGCAAAAAAAAAAAAAAAAAAAAGAAAGTCTA SGCCA SGC ST SGTG-90110A 0-900TGTAATCCCCA STACTI GGCA/GCCA/AGTGGA/CAGA/T-CGCTTTGAGCCCAGGAGACTGAGAA/CACCCTGAG/CA/CATGG/CA/AAAACGCCATCCTAC AAGAAATAAAATTAGOT 5 3GOA 1TG STGGCTTGTGTT PGTA 3 POO 2A SOTAOT 1 3G 3AGGTPGAGGOPG 3A 3AATTG CTTGATCCCAGAAAGCGGAGGTTGTAGTGAGCTGAGATCAGGCTADTGDADTCCAGCDT 5 5GCCAGAGAGTAA 3A 100TG CAGTOTTGCATGGTATAAGA POAACATA DAAGANTOAATTOTGT POTTATAOAOTTA OGATGAGOAATOTGAAAANGAAA TTAA: AAAACAATTTCATATAAAATAGCATCACAAAGAAAAAATATTTAGGAATAAATGTAA: AAAAGAAAACA CAAGAGG TITTTTTTTGGCAGAAATTAGCAAACTGATCCTAAAATTCGTGTGBAAATTCAAGGGACCCAGTATAGCCAAAACAACCT TGAAAAACAASAACAAAATTGGAGGACTCACACTTCCCAATTTCAAAACTTACTACAAAGGAAAAGTAGTCAAGAAGTATC TTGA" TTTTGACAAGAGTGCCAAAACAATTCAATGGGGGAAAATAGAATTTTCAATAAATGGTGTTTGGGACAADTGGGTA TOCACACTCAAAAGAATGAAGTTGGACCCTATATTACACTGTATA DAAAAACTAACTOAAATAGATCAAAGACCTAAATG TAAGMHCTAAAACTATAAAATTGTTACATAAAATTATAGAGGTAATCATCATAGACTTAHAAAAGGCAGTGGTTTCTTAG ATATOACACACTCGAAAGTATSAGTACCAAGAAAAAATAGATAACTGGACTTCACTAAAATTAAAACTTTTGTGATTTA TAGGACACCATCAAAAAAATGAAAAGGCAACACACAAAATGGGAGAAAATATTTOCAAATCAAAAACCTAATAGGGGCT DTABACOBADIDOCCATINI INICA ANTOTAGAN DA SACANOS ACATACAASAN ON TITANA ATANA ATAN DA CATA A TATO ARABTOACAATOAARTAGCA OTT GATA OG GAGGAA GATG GATATAATAAAAAAGGAGGAATAATAAAGT STTG SGA "PTTADT" ETTCAANAAAETT (CEADOCADE DOT VAAAATETAAEC) TERTUUT ALIA KUT KEADET AAAL KAAL KAAL ntakabut tabecauko kutsukobutusbeketéacenetataateteagebetteggbegetgbagggebaggt TTPPAGETPPAGEACCCAGETTOTT TO TAGAAGACT ACTCOPAGE PORTOAT ACTCOPTRATT OF TOWARD SETECT. ACCATACAAGCCASCAAATGTACTCTGAGGTATGTACGCAAGAAAGTAAAAGCTTAAAACTTGTATACACATACTCATAG ranbarthotar barbabarith arathaunatakkatèn litarin bindabinari bababarbang attitatharin i A BANNA A BEDA AA BANA BABIN BEDERTET BATAT TATBIA FITNITATOTATAT TOTTATAT TOTTATAT ABOUT STEET BAARANA AD ABA BAARAA BANA BATAT TITT BETABAN BABARA BARANA BA

AAAGCTOTCAGTACAA CTCACAGCCGCTAAGTTCTCACGACCCGCGCGCTGTGTCAAACCAGAGGTGGAAGGTCAA NATIOCARD SUTTER INTACATETAGET GOCATICATET TOGAT COTTOCACAGOTOTO I GACTETA DAGGETA TOGACA TINTIGATT OT TGGGGGC I SCTGC GAAATGCGCGATGGGANTGAGAT IT IT IT IT ANTEGT FOGAGIG ORABABABATTRACUTABECTABECTORDET TUTUTO CABBOOT TI DE TABABABABATT CATABACTE ANGRETA TATABIT TO TATABIT. RAAAAAAGI JACATA SI OOGATATGTGTTTTTTTTTA GAAATTATTTAGTIG ITTGTTCAT FOATTTATTTATFO ATTGATGTGTAGTAT NGAATGAACTTTAFAAACCATACAACAAAAGGATAAAATAATAACAABAFFACTGCCTTTGNA GATC STGCT TYAACA TUTTGAAATAAAGG PSTTCCTT TITTTTTC FTTTAT BAATATGTAAG BAAAAAAGCGG FCTDAAA TGAACCCAA CTAATT SI TOCATGCAAAAAAAAAAAATCAT SBCATAT ST CAATAT TA SAAAATT CTATIATA SIA SAAAAAT ATTGCCCTT 3G CAC PAAGTGACTAATTTTBAGGTTAA PATGTCTA 3A PTAG (AACAABATBAAABGATAABTT STCTTAA AGGGETTIT ET BAAA DI CCAGAATCTATTTACAAATTA DATTETGEA FAA EGAAE TG FAGAE EE AAAAAAATC DTD DCAA ATAGAAGAA TERETATA I STEGACOEGAGAAAAGGOAGE EEATEGOOETA DOO DA DAGA DAGA EETETETETETA AAGAAGAAA TGTGGGGGG 3T-3DA DA DACACACACACACACACTCCTA FOCGA FOAGA 5 FAG 7F DT FGDTT FF DDFCDAGGDFAA 3GBAAG TTTTGGAAA NGYOGA FDOTGCTCTTGGCAGCTGAA 333 FGC FG3GAFCT 33 30AA FGC FFD 00 FABDCAB DDFCTT ATACTOAGT DATECTE LA AATOTTGGAAC DATOCAGG TIT FOO DAGD FOOT DAAAT BAAAA BLAF DAG FAFA FAFA SA CAAAAAAA AA AA A TTGTTTATAMTADTATIACGGTGACAAGTATTTAGTTDADGAAAD DIJJAGAAACGDTATATICATICAAGACGAAAACGDTATA ATCATAAAA IGAAAA 30 AAGTAT TIOOTIST BISAAGTAA PTID TO POOTI POTTIGAAAAAAT DO COLA AG BAAA DO SIDTAA 1G CAGTAACTCAGAAGA SAAAGGTTGAGACA SEGGTTAG SEFTTG FAGAETTC FEFTGGEEC A SAEFEECAAGEAAAFGAEA AF DOCTETTACTICLEDE ACCATOTTOTT GOGA OFERARIEA OANOMALAA DARDODOROAD ACADEAD MORANI ATTCIAAAAT (GA STITS I FTTTAACATTTA CAGACATAA ESCAGAGCATGGCA FGIGACCT STA SCOCA FFF ESA SAACTC TIGATGCAAGTITO FAAAAAGTTGCATT POAAGAGC DITCTTTO TOAAAAG COAGAAG COAGAAGCATTA ACATATA CO TAAACCTCAAAGACT POITTIGTATATGCGTTGAACTT FATGAT DATGATGAG DIGATGA SAGAAAAAAAACA ST SAAAAA TATTTTATT)TTATA 36 TTACACAGTACA POTATTAAA PAPGGAAT 2 PTTA/36 CTGATAAACT CATAA 3AA PA CA/STC (T I CARARAGA TGCAT I DGAAT TCAGAT TCCA9CCCCATT FATTAATA TAAG 19A DUTTTGAAA9 JOT DAA DOF 1 1 DOGTHO CITCOTTTO TO TO TAAACTATAAAAATGI PATAACGAI STOTAOOI IITTAGGI TYAOGATAAA BBI BAAACIA BAGAAC I TOTATAAAA GOAT 2 2 160A GAGAGACA TG 2 CTGTATO 2 2 10000 BAT 2 TTT 2 CT BTAACTA YAAC 20 YA EBGCAA 2 YAA 5 0 GGAAATAAGAATET SIDSTOTATGTTAGTT BIGATAAT SI FATCAGET DITTECA DAATTTO DATET BOF SITTATTTAA IC ARTERICC COACTO DE TESTE TEROUW FOR THE EDITA AAAA FORTATE AAT AAT ACCOORDINATE AAT AAT AT TESTE TE TOCCASCACITTEG BAGGCCAAGGTGGACA BATCACTT BAGGCCAG BEST PCAAGACCAG DO PGE DIAA DATG BIDGAA 40 GAGGATGGAGGGGCA BAGAT TGCAGTGAG DEGAGATGGCGCCACTGCACTCCA BUCTGGATGATA EFFE PAGAGATTTT LU TAAAAATAAATAAATAAATAAATAAATAAGAACTGGGTTTTGTT FTCAGAACTTTAGTAGAAGAAA FG FTATTTA CACT CA AATTTTTCTAAATAA ITIGAAGGCCCAGAT 3 SCTGTAATISTCAACAG 3 ICTAGAAAAACATGAATT IT IA SGAAAACAT A GTGAATCAATCAGTT STGAATGTTTTACCAGACTTTTCCCAGAACTGCTTGAAATATTAATA FTTTTT SATTGTATACIG GTATGTCTATACATAGATACAATAAATTGACATTCATTTTAAACATTTGAAATATGACAAATTATTGCTGAACTTAT CATAATAGETTATTA FICTATATATAAGGTA STIGETTAATICIGITAATIGI GGIGTCTICITATIT GGILATTA FITAAAA TAATSCCAATTATTAGAATAGASAATGAA ETTTAAAAAATTATETTACAAGGAAATAATTATE SAA SET FEGAAAAACTT IT TGTTCACACAATITGAAAAATTAATTTCTAGCCTAATCITTGTGCTAGACATTGTCTCTTAGCCT 3 JTGT 3TTTTCCTATA GGTCATAGCAGATACATAATGCTAAACATBAGGTTTGAAATTACTGTGCTGACTTTAGTGACTHABAAGTATCAGTCTCT TATT GGGTA HGGGACATGGGGAAATGTOA PGTTTGACTTGACATCAGAAAGGAHGTTTTGATH CHAHE PSSAGAHADD 🕒 raga da ing rapina ping pringgat sa sa sa sa paagsaagnag paggat a paanat ping ping ping pagga da graf E MATAACTE LAATE E AAAAVAAGES MATAGES TOTOTOTOTOTOT GESTATRI AGAT AAFA DET ET EGGTGATET. I TAT ET AT E COTOTOTOTOTOTOTOTOTOT EELES EELES EELES TOTOTOTOTOTOTOTOTAGA WAAGET VALLET STOODAGAGE. TAGE BEAUT BBESKAAT TE ABTETAA EGGAAGET GEGESTETT STOOT TOTAGAGE ET ABGET DOTGATTAGET MAGE e radagene goagnamamament emplaatettet ete bletantatet et banke kepeget et begeken be PTRACOCKARTECSENARTTARRETTHE TRANSCOTOCKARTOCKARTURT AND ATURT AND TOCKAROCTULAR AT TULE AND TO A RESTOLEMENT COCAGOCTOTTCTGTCATCTTCTGATGGGAGAACTCAGCTTAGAGCAGGCATTHATTATTTCCHCCTCATTTTGCTGGAA AGAAT CATTY TGAGGCTGGCAGCTGAGGTG CACAGAAGTCAGAAAGGGTTGTGGCAACAGCAAGAGTGTGCAGATCAA ttiak beas voncastisetigatiteaastieaasaareessaaaagassgaalactibessaatetisabaateetia

CATTAT PTOCCTCTAAGGGAAAAACTCAAAAGCCCAAAGTTOAOCTGTTAGAACATAGT CCTTGTGGGGTTGTATOTCAA TATTO PERTUAA DRAACTOAGA ATAACTAAAGT PAAAGTO PATATAAC STOTATTA TITOCATO GAAAA itaa yaittibuitoi, ata oo ayaabii baryaatii baattidab ya stacatiicab igsatattascta igciboat GARACAAGGIGGA RUCTUATFU TÜT ITTI TÜT TÜT TÜT TÜT TÜT ARIA BARA BARACASAGAGT SOSCOCACATTAAAAAT A TIPOVÁ PIACÁGAGAGAG TOCACARACAT EGATITGATTA ATTIE KOTGA ECNUTICATGAC DO TTATGI PATA DITTEGOADA DALICTARATIC DODI OTTICOTITE ACCARACT LACTICERACE SACELIA DE ACCITARACE DA CONTRE DE CALCEGRA DA CONTRE ACCITARACE DE CALCEGRA ANGCAT SATIDAN SOLD DA SUGGIFGATOACIA SOLDACA DIE SIPOCTA AGACA SATACACIA DA GATACACACA TAG DE DARA FA DEGOCOCAGOTOAGOCEÓ ET EGOT GA FAGO ROTA DECAA GAACADA GOT ECOCEEGOD EARGAA GA CAGGGC TACTG SCAATAGAPC I DCAGC STAG SAGFGA FG NA SAGTCA NG STATTTAAGAGAGAA SAATACT ITGAA NATIFE NG CCCTATAAGCA STA JAACATGCT GAAC 9C 9GACA TTA DIPCGCAACCIDA PGA POI GCTT DCT DI 3GA FCA FSAAAAATGC NDATOA TAGARA NA ARGARAS LEGAR TOA DETECADO A POARCODAG. NOA ABAGARA ATRIA DA PORA PORA PORA PORA PORA PORA PO GTGTGT FAIRCTITT BAG FATAA EGTAA EGTTEGA FT BG AA ACTTIFAFAC CAGDTETTATOT I IDAA FIBEAAFTCTT CTTCTTA I TCA ICC IC PPOTT FGGGC DA FGGA SECA FDA TITA TTTT FI VI CATTTET PAR FI LAAAT DEA IAACCIATT TTGGCC OR TAG SAIT SCHOCAGA BOAGCAT DITCAGTGAA BOACATGT DAAAC FFA BOIG SDAIDDA DID TUUT BAGGTGT TOTGACIAAACT A ELACOCAAG LOCTGA SAAGT LAAG EGATO TACAGAG AGAG AGAG AGAG TOTOTOTO E TAGAGAGA SACTU AGEGECIA SAIS SE SAISATISATE EGOCOCO SGUCTE CAGGTGTINTTEGACIN GOUNTTUUNTS OTOTENT SI MAAGCASTIT TTOACT SITTGIGGGGGAGGAAT STOOT OCCAACATGA FTAGALAGGA TTACT FTOT TGA GA FA FIFTACES FAGTGTCAGA GACAGO BATT DIGGGAGTO IGAGTGIGA CAITIT STGA FAGOL CIGI SOLITGIGAGAGAGAAA BOGCI STAI CIGACAATIGIA GGAACCCTSAAAACACCACCAAATGACATCTTTTAACTAAAACTCGTTGATGGTAAAAGGTDACCTCTAAGAATGTCAGT CATGGA I BACG ISBAABBITÉTI I COCT CAAGBC I DAGBCC PI''I CTA I ST-BACCTIT BECTAS PU PATC DBGBB (A I SGTC AAGAAA DE SAGEA AGE BEAGAT TATOL EGA DATOL OG ATOL OG FOLDE DE SAGE DE STOLE GAGE AGE AGE AGE AGE AGA TOLE OF A TGGCTT DA SAGIG POCCAGTCA I TCAAGGATTOCA CCACAGGAGGAG TGATCTCAAAAA SG TAGAG IT ASAATAGAATGA AATOOD DA BUTACOOTHA STOT FATTOAC DATGU FCAAAG FAAAAÑA BA-FTGADAG ETTAT EB FAT FO BAAGGGANACAG TÉGRAS SEARCTEGRAS RESAGNICATACTITECA FEGETGETE AGGRAC POTCATETGACA CONTATA CELECATACCCAA TAATTOA SIRAA SOO DOMAGAGTI TOACAG SAATOO TOINGO NOA NGAGAAANGO NO NOTOINGA DAG NOAGAAAGG NAGAGGT TOTTOT DA PART DE NASUNITATEAATEAAACAGOGGOGAACITI GGACATAGGTGITG GGACLIT IGIDI TOTACHAGCAAC CTGCAT 3 PACTOTAATTABCCC PAGAAATGGTGCLGAGGCTT TCAGTT AGCTTG PTATGAACTTCT 3 FTTATCTTGGA GGGTTT DATGC DAA DOAAAT TO DTATCATGCATT DCTTAACTU CTAGGGAACGACC GATTTO CAGGGCCTAAATGAAAAATT TGAGAT BBAAGAAGAGCACACACATTGGCGGCAAGCTAATGAGAAGCTAGATAAGTGAGT BACTCGGBBAACTTTCTGCT ACTTTA JOTAAAS TOGAAAAO LATTITTOOGAS STEOTTOT ATTAOT BAAGAAOTGCATOOTTGCAAGGGTTAGAAA ATGAAA NATCATTATON (TÕTAAATACAATTOATI CAGGGAO), CAGGATAATGAAAGGTATAGGGAGT PETGETTTOCAG CTOTTAAAAATTTOTOAGATTGATAAGTATGTAAASAAAACTAATATT "TTTAGCAACCTCAGATGGOTTAATAAAAAGC AGCTGA TTTTGCAGGGAUGCTAGCAGGGAAATAGAGAAAGCAUGACACGVTGCCTAGGACCGTATACTTTCAAATCGATA TTTCCT TTCT\$\$AAATA" \$1ACAAGATATACATTCAGATATA" TTATGTCAGTGCTACTTAAAGTTGTTTTTAAAATTG AAAACAPTCTAAATGTTUCAGAATAGAAAAATATATTTAAAAKTTGGATUGCCATCAAAATGTTTTAAAATCA"'C"TAAT ia ia fusikoaratu ittati a nataato etara etarraraskioa 96 filisara ettogetetet a fia 9 fotkitoget a ninnti biaatinna komititigema kuutisabbi obstissam sachtsubestuastagttoba mantaepotteskoaa 1 ACO CAMADO YORT TA MAAAAAA AGAAAATTAGGTA DAAGA GOONGATGISTGIAATGOTAGTAGTAGTAGTAGTA a legication de la companie de la recentración de la recentración de la companie de la companie de la companie ist bacabaggabbagt (fatot parakaaaaaaaaaaaaaaa baapet baabot tigatgagatatabbes taatutabi i itti aaaugu talma uumaati taucaaaatattaattaatteeggi titetti gogtocteggaatateggtaattgatgtti CITTTATACTTT-XCTATGTTTCCTACAGVAGATGTGTATTATAATATATATTGTTACCAGAAAAAAATTATAAAAAA AA TRAANGAA TAAAAAA DUTUTTTOVA TRAAAAN OTATGOTATAGATGNATAGATATATTGACGTGTATTGCTAUANAN GCAACAN TTTAGACATATGAAAGCTAAAAGTATATATSTTTGAGTAGATAGCAGATGTTTCCGATACCGTTTAGTGAGAG RA ESPARASATTRADADADA UTUJOS, AUTALAATULA AL ATUUTUAAAAN PARTISSTITES KADSSTOATUUS ATU satappopat section that said han "tathaaa be "setat eig eigaga tegattagga etgetetttt<mark>taaa</mark>taaatg TETTATTTANANT AFTYN TETTAF STATT AATESETNITAG IAAF TAAF AAN AS AFTA TEATTE TA IAAFIA EG AFT

TGCRGGRCCAACACATATTGGTCCTTACCACGCATGGCCTACCGGTTTGCTCTAGGTTAGTTCTCAGCCCTGCGCTACC TGSTGGGC TGGTGG I TG ICASAGGTAATGATTCACAT TTACAAATTCTCAGG GGC I FTGTGCT ITTTTTT I ITTTITAAA DOUGHTTET DEAGRAPHAT AF AF TATTLAAADE TEGAT SOM SOM OF TOAATAT TAAFATE ATAT AF AF TEGAT. TO DITTINATEA DI DI CGA PIATTING SO POTO TIT SITTIA BAGOAATGA POFO SAACATA BOTGOA SATTAGAATO ACC FORSCAGO FITALAACO FOTOAG TO COAGO TOCACCO FA BACTAC FOLAT FIGAA ACT COAGOAG FACOCOAGAAA TCA STATT NGG FAAAA NT NOCAG GTWA FICTAT TGCCACCAAATCCAT TGT FT FAAAG SAATAGATGGTAAGCT FTTCT TT DOT DT DT DE PENTET OT PTTTTOGA GAG GAEGGECTCACTOT GTCACCCAG GO FGGAATA CAGT GGCA CAAT CACAG CT TAC PGC AGOC TTAC DCTOCTGGGCTCAAACAA TCCTCCCACDTCAGOCT DDCAA 3 TA 3ATG 3GAC FACA 3GTG FGTAC PROTECTORARAT OGSTON SATE STTATETROAPPTSBERASABONE STSTTTATOTTTTTT DRITT OGT, ARLAS SA CAAAT SOTACACT DE 1 COUET LACEE AE TACOBADAT A SCETURI ELLAAN EE CAATTITET 11 DAOUTE TUUAN T CTETTAARARAGGAGATTA STGITTAGTGA TGUTTIGCAGAA FATGAATGTAGI FAA GA DIRA LTGAAUT SIA PACTTACAAA TIGGETAACA.TIGGTAAATTT PTATIGTTAIGGETACTETATCACAAAAAAETT GGGAAAAAAAAAAAACAGAETAGGACAC AGATTIGI KOTGICCAATACAGTAGCCA IIACC ACATGT SACIATOAAAT 9 DI IBAAA IATG 3C IA 3ITCAAATT 3AGA TAATAAATCAAGATAAGTGAAAAATAGGCACCACTTTTGAAGGCTTATTGT BAATAAAA BAATAAAATATTTCACTAGT AATTTTTA LATTSCITAON NOGAGAOACHETTTTTTTTTTTTTTTTAGGATAAADAAAA LAIALLAAAAATAATAATTTOACTTTT FOT PTACT I FTT FANTGT GGTTAOCACAA FA FATATAAATGACA TA TGTGGOOD DOCA FT 3 F FFOTA STA GACAGCAT FGCT CTAAATTI BAAACTAAACTAGCAGTCAAT IAATI AAAAAGBAT BATAAGGG SOC SOS SOA CAGTGGCTCAACA COTAATO DOA BOACT I FOGGAGGCCGAGGTAAGTG BATU ACGAGGTCAGGAGATCGAGA DCA TID FIB FCTAA IGH 7GC 744AC DCCC AGA AT 66CO FIGA ACCICIGGOA AGTIGGA GOT FOO GOTIGA GOCAAGA TTIGOGOCA OTIGOA DO COCACTO DAGO OTIGGA COAC AGA BOGAGA DTOCGTO DOAAAAAAAAAAAAAAAAAAAGGATGATGAGGTTAAAAT BETAAATTT BAT BTTATGTG FACT TTA FCACCA TA PAAAAST TEGATGGCTCA TOUCT STEGSTO DOA SATACTOA S SA SG DTAA EGCAGAGAGCATCACTTGAGCC ZAG BAGTTU BAGGOTTOAGTGAGOTA ÉGA TAOTOGUACTG DAO FOTAGOOT SIGTGA FAGAGO<mark>AA</mark> SACCOT STOTOFAAG GAA AAAAAAAAAAAAACTTTTAGATTTOA'I TI ATTTTA CACATATATTA DACA TIG GAAAATGAGAAAAAGTCC CAAG TGG DTTGGGADOAGAGAGACTATOOTAAACATGAAAAAASTAAAAAAAAAAAAAATA DTTATTTTGAG DOCTCAGTG STATGTAAG CAGCTISCAGTISCACCOCCATTA I I AGGTTAATIG SGA CGCAAGAA CAGGTAA SIT FETAA CCCTGGCCCAG FACA TAT BAGCTGA TATAATGATACCCCAACCCCATGGTAACAT DTT BGCTACTGAGGCA TOTT BGTAAAGT DAA TTOTT DATA COT COOTT E COTTSMAACTAGATTTGGAT SATGATACAAAATA FOCOTTTA CAGOT FOAM E FAGA FI FCATAAGAATGGA PGG SCTAGUAAAAAAACCATTCTGATTCCTGATCCAAAGTGAAACCAAAAGAGGAGGAGGAGCAAACTTCCCCATFCCC TAISTIGISGCAA TIGAOCAISTIAA TIGTIOOSIGCA SCATA TITAIGAT DAID STIGICOOTA DAIGSAA TAIDAISTICT PISTITTO DOAAIT SGAA AAG SAGGAAGSACCICAGGCACTIGGCIGAGI, AACCTICAA SGIT SATICTITTIG GGAAGTITAA GAGGCIGACTC ICCCCCEGAC TTG SCTOTGAAGOTGCACCOTTTOCTAACCCAGCCGCATCACTSCCAAGTT DACA TOA DA DOCAGTOT DACTCTOTOTOT CAT STIGCASSIGSCITECCCTTACICAGA FOLAGCAATGGTTTTCATGCGT SAAATACAG LOATG SOCET SAGGCT FIAG SCAACAATC I SAGAGGGGAGCTTAATTGC IASTAGCAACTAATAACTGCTT STOTA DO DA LAGTGTTA IT I ITATAATTG TOC POATCA TTATTAATAATAGTGGGGGATGAGGATGAGGAGGAGGAAACCTTAC DTAGA DA BIT STTTDGACAA SACATSAAT DACAGAAGO DACCTOCACTGTAGTTA/TEACOGC CAGTTG DTCTGTTTTCA FITEAAG ST FGACTAT FTT SGAGAT FTCT TTA DACCTTGSTGTATAGATTGCCATCATGCGAACCTGGC DAGGTTTGACATGOGC I ITAA I TTGACCTCT IGTTGTTTC CTA SAACAAAGGCCGAGTTAGATCAAGAAGCCTTGATCAGTGGCAATCTGGCTACA SAAGTACATTTAATCATCCTGGAT ATGICAGGAA AACATTATO CAGGEGAGAAAAH AA ACACCCAATITGATEGETTIGGIC CA FGAATATIT LACTAGAA FAAG GACTTCTTA IGCAAAATTGTGAAAGACATAAATGTGATCCCATAGTACCTTTTTAAAAAAATGAAGTTGAGAAGTTTA CTATTTACA DA STOTET ACOTTATAAMTE LAGAGATAC DAAAAMTETT DESG DE TIT IT LGAGTTAGG SETTAG FEGG a sa soltita e et etitoropia aptica più ek i tropitama idibetegra statrita dora elittata ata i grafe foss TET FAT STETTASTATOLAGAA METROTOS LAMBTAGAATTTTTTTTTTTGAT BAGT NACT 1 CA SITJAAT BAGGT FACT TO PROPERTY TO TRACE FALLS A TOTAL AND A TRACE AND A PARTY FROM THE PROPERTY OF TAND THE HEAR FRAME OF TATION HAS TRUE ATTITION AND OTHER ARABAMISTICS OF THE GRAND THE FRAME APT COAPLAATS TITEKAR AATAATREK ISTETSTORAKÉS SITRAKKOAS SITRAFITAKTE TAICTISTKI LITAKKI. AI A AAAA I WAST TILIA JA DETITIJATI BABAA UI MITCAT DA BAGTA GGTO DAGGA TEGIL DITAGGEGITA BAAGAAATA TOGITGAAA/ACAGTGAAATOTTAATIOTOIAACTTITGAATTGTOTAAAA FOAAAGTAATCATGAAAAAAAAAAAAAAAAAA CAAAAAGTATGTGATATTTTTGTTGACTT144TATUTTTGATAACTTAAAT3CTTGGTATCACACTTAGCTTATCTTTAT ATAGCACAATATTAGGTGCCAAATATCTATACTAGCCCCCAAATATATTTGCAGTTITCAAAGAAAGCTGAAACCTTTTG

TI CTCTCTCTGAGGGGAC./AAAAGTCACAGAGATATTAAGTGGCATACAGAGAAGGTGTAAAGTCTTCCTAGGAAGAA AGCAGATGCCCTG+TTCTVTGGGAAGCCACCATGCARAGBAAAACCAGTGGCTGCCATAITTGAAGTGTGGACCTAACTC TAGAAGTTTAAAA I GGC DA TTOLOTGA DA DA DA DA DA DA DA DA DA DE DE DE TA DE DE DE TA DE DA DE TOAGTT TOAGT TOAGT AAAAATAD SETA. 1918AAAAA TOTGATTA YOO BOO SO DI STATT OO STAAAATTA AGAAAAA TO STAATATOTOTOTOTOTOTOTOTOTOTOTOTO TGCCAGGAAGG 107 GAAATGAATTT IT IACGGCTIGA (GAATCA) GAT FATGCTGGGGG FAACATG I AGA FTATTTTTCCC CACTGOAGCOT IT: COCCCTGGGCT JAAGCGATTCT; ATG TOT CAG TO FOOTGAGTATTGG 34TTA TA 3 3CGT 3TGCCAC OGCACCCAGCT VAT TITTLE ATTAT LAGTAGAGACAC GOTTTCA LCAT INTGGCCAGGCTGGTC TUGAA INCONGACCTC AAGEGATOJAO ITI COTO/ GOCTOC (AAAGGAGTGGC % FTACAG) CGT (AGCCCCGTTCCTGC CCTA, F FTTF CCC TT FA TTGAAGATOTOHA, FGGTCCCTTCTACATGGGGTOTIUTAAAIFIAAAAGTAAAATTOTTOTCCICAUSCTTCTCAGGA COATTTTCTCT TT TTCAT CACCAGTAATTTCCCCAGGAAC CAA GAAA IT CAGGTTTCCTTC CATGATA FTT HIGATTTC TOAAGTOTACTOOMIT BET FAAATOGASOTTOTGATT- ACASA SUSGASSAT AT STITZATGGAALAASSGASTAA SI STTOT AGGCTTTTCCCLLCCAPATGGACATTTGCATATTT.AACGGTCCAGAAGICTATCAAACIGCAAACIGCAAA GGCCCTTTAT6T IT II INTAGTTTGGAGACTTACT DT INGAAGAGDAG (TGGAADACTGIT INGANITATGTCACCAAGT COTGCACCI CTCC// ICA ICAGCATGGATGTCACCCGGCCCAA HOTGT DOCACCCTTTACCI ICITA IGAGGTTCAGTT TTGGAGCCACCAGT STAAGAGTTCAAACCAGCTGAGT 'ACCTG JAATCAGTA JAGAAAAATTCAT HAAAGCATGAGTGAGT CGAAAAAAAATAAG HAAATITTGCAGTATTGCAGTTTN TIGT OI NIDUTGABAAACAAACAAACAATI. GGA AIGTABATAGA TAGCAGOTTCCATT TTAATTTGCATCTAAAAGTGAATILATCI: ATAAAIDCAGTGCTCTTATAATTTGCTTT LTAAAA TAGACAGCCAGGG: CAGGAACGATCGCTTTCACCTALAATCC: FGCACTTTGGGAGGCCGAGGTGAGLCGATCATLTGA AGTCAGGAGTTCAR FAUTA BOUTGGCCAGGATGG EGAAATCCTCTCTCTCTCTCTATTAAATACAAAAATAGTCAGALGTETTTG GOGCATGOCTGTARICORAGCTACTTGGGAGGCTGAGCCAGTGCCTTGAACCTGGGAGGCAGATATTGTAGTGAG COGAGATIGOCCUA ITICA UTOCAGCCTGGACAACAGA UTUAGACCTTCATITUAAAAAATAATAATAATAAAAAATAATAAAAAATA ACCAGGTGCAGTUS TUATUTCTGTAATOCTAGCACTT GUGAGGCCCAAGUCAGGCAGATUAGATUAGUCAGUACTCCA AATQTTAGCTACT3 -GJAGCCTGAGGCAGJAGAATCSCITSAACCDAGCAGGCAGAGGTTGTAGTGAGCTAACATTGTGC CACTGTATTOCA DO TORGACOCTGTOTOAARAAARAARAARAAGAARGAARGAAATGGAAGACTATTTTA BATTAAAAGTT ATCATCT GT 3GC 3CAAA AA TACAATAGA JAGGT 7A GAAT I DAGAAGAG TUTT TÖÖT 3T FTC TAAAD 100 1 BACT AGCTAG TGCCABAATBAC CTUTGCAAGAGGATTT FAAATGAICG FTGTCAFTCTAACCTGAGTFFTATT CLAAFACTTATTT ATTTATTGAGAGAGT STOTTGGTCTGTGAGCGAGGGTGHAGTGGTAGTGGTAGTATGAGAGGGT AGTGDA FROTTGAAGTG OTGGGCTCAAAT BAT DÖTCCTACTTCAGCOTCCCATGTAGTAATTGGGATTACAGGCACGAGGTAACCTTACCCAGGCAAT TTTTTTTGCATTICT STIGAGACAGG STCTTGCTGCATGICCASSIIGGICIAGACACCTGAGCICAA FIGATITTCCC TOCTCAGCCCCC JAAAGTACTGAGAT TATAGGCAIGAG TOAICCTAGCCAAGACTTGAGTTTAGT JAAAGTIACG AAGACTTTGGAGTT AGCTTTATTATAGAACAGTGAAGTTTGCLFLAGTLTGTGTAGATTTTGATAGCTFHTTTGGAATT TCCATTTGTGGC "AT STTAATAAGTATSCTCAAGTGALATATAAA SATAAATTGGCCCATGGAAAAAAGTDAGCCTCCTC CAAATGTATTAGGGATGATTAATAAAAGATATTCCTDA 3G 3GA DUTTGAG 3TAGGCATGTTTTTCDAI+ 3GDDIGIAAA GAAABAAGAAAAAAAACETTBTTGCTTACCEGGAGTTBAAAATBTBAGAAATGTTGGCCACABAABTCC. TTBAFTTATT CAGGITTAACCAATT IIDJIGCCICAGCCICICGAGIA, JIGGAATTACAS MIGTCCACCAD ATGJCCAACTAATTIIT GTATTITTACTAGAG GGGGGTTTTG: TCTGTTGCCCA GGTGATGTTGAAGI GCTGAGGTGAAGTGAI GTACCCTGCTT TTGGCANAAAAGCAT HA TETATTCTTC SACCMACTTTATAABATC, FYCRGCTTG/ AGCANAACC & AGCCNAGTA JAG JAU IT PAGAAGE TOOTTGAGGACAATTTTGGGCTATTCAGAACAGGACACGCCATGCAGATGACT KETTTTC DOAC TATAMACAATITATATATATATATATAAMATTTGCAAGTATTTATIGTOMAATATGCATGTSCTUTCAGMACTGTGAGAG STITTAAAAABAANT CATOCATCACTGICCCCCAGTCTCLATATCCTAALAGT: TATTTGGAGTUCTCACTCTCAAAATA ACCACATROLAGA PAR LA PELO LA PARA ALTARIA DE LO LO LO LA CARTA DA LA CALLAGA AND THE SECOND OF THE TEXT TRANSPORMENT AND THE ATTENTAGE OF A STORAGLAND OF A STORAGLAND OF A STORAGLAND OF A

NTATTI COUGABITOT UTTTIGGEOTETE BUCCATIGITECATECTEATTECTAGAATETTTTTECTETECTECACATEAA ATCOTTCCT CTCCTCATTTCATCTTGACCATACTCCTTTAGTTCCATCATTATATAGAGGTATTCACCAACAAGACCAAT CAAA. TATGGGCASTITAATAAGGTCTTCAGTGCCTTCACCCAATGAAAIGATICTAGTGGTAGAAATITTAGGAGGCC TGGCAAGCTBGCAGAGGGGAA JGGGGATAAGACATTCTGTGGCTGAGTTADDTGCCAGGGTCTCTAGATCAAGCCAT ASTOTOTOCOTSTITTT STACIGOASSOT SECCTGGACCTCCAC PSTTGS IT FATAATTAAGAATAAA FGATTAVAAGA AAC TIE GIDAAAA 2000 IGA AA TIE GAA TITOAAA JIAGA GITTAGAAC TIE CA JI JIAAAA TAACE GAAA TAACE GITTAGA CO TA TO ACADACAADCEEEAAC TOT ADDITOT 1 ADACEGAC 1 TA BUADITATUAT AE ALATA GADTITOT AAAAADAAATTITAAT TOCASSTOTGATA/AGT COTGEGOT/SECDAAGAAGAGAAAGTADASAGTCASGTCASATGADOCESCACCOCASTOCC DGC TGC 2CTC TGA 1 CCAA 10CTTC 2 DATG 3 2T F DCCCTTGCA FT 1 DAA 1 B FAA F 2 2T AA T F ZTT 2A 2D F G G 3A 2 FAC AAA GCTAAGATTATTTI GAGBETTACA EPPTEESIN, GGTGGAGGAAC PREPETSPAA PETSAA PAGGAT EPAPAPGAGA DAG DE PADRIC PO PO PER CONTROLE APRES PO AREILAND CARBOTATTOBI POPE CON LABBARDO POTTI ARECENDI ARAPET SADA JUATT TUUG, GTO JAGGATT PUTUA NIG TUGAGT TOTTAD FAAT UTAAT JA FOACA 30 FAADAT 30A FAATAST 3AF TT BGAT BATA BCC/AATAATATATA BAAA FAAA ACATT CAGA TTA BB FTAAT FOA FATGTAA BT FFC CA BAAB BA FC FOC AGA ATO AGAGAA GAATAATTAA OF BITTA TA BBAATTA I TTIO DA TA PEDIT FILIB POOCAA FIA TA FILIA BADA TACA FA TA PAGE PTTA OT PLAGAAATGA PTT PTTA OBOB PAGTTIAAAAB BD BG BC T PO DA BEOG PEBET ABBABA PPAD PA CA BAGB CAAAAT DUTTOT BA IGTAA CATOA IA MAAAGBBOAG IA CITT IBT CITTI IBT TIT IATT II BABABAAABAAAB AAAACD DAGAAAT I TGOO DGAGAGCCATTAAAA I A SA CATCAT SI TAYCAG SIGAT FITTI DOOCA FAA SISDICITAAAA I A SA CATCAT SI TAYCAG SIGAT FITTI DOOCA FAA SISDICITAAAA I A SA CATCAT SI TAYCAG SIGAT FITTI DOOCA FAA SISDICITAAAA I A SA CATCAT SI TAYCAG SIGAT FITTI DOOCA FAA SISDICITAAAA I A SA CATCAT SI TAYCAG SIGAT FITTI DOOCA FAA SISDICITAAAA I A SA CATCAT SI TAYCAG SIGAT FITTI TOOCAG SIGATAA SI TAYCAG SIGAT SI TAYCAG SIGAT SI TAYCAG SI CATCAT SI TAYCAG GTACTAPTO PPG (AGGT DAGCACAGOTTAAACA PEGAATAAAAA PAG PPG BACLAATAAA PED PICTESTOTO ET TAGAA SAACA SINGIN TAKE AD TATAN NEGATAN NEGATAN ANG TON TON TON ANG ANG TON TAKEN NEGATAN GGCATO DO ETBATO EGOS SO EGACOTEGGO E COA CAA DA ES GCAGA BAAACA DA DAA BAA BAA BO DO PACA DE BAG DOTO CCA PG FBC DE BOTO CACODOGO EGOGETA BEOGO FBA STA FOEGABOA PGC ES BAGGADOACA BIETA DOTOS DOCOTOS BGC AGT BYCAG OT POCA BGTA EGGTGTGTGCA E OTT PTO DIE FAGAG JAGTGGTT OT DAA DTG EGGGGATT DYGT DOOD DAGO COCAGGGA DA FITT I SCANTGT CTAGATACA PUT TITG SULTATICACAA OTGGGA NI SGOT BAG TAG ST GOTACT BGCAT DIGA CTGGTAGAAGOCA SATGCTGTGAAACAT NCTGCTAATA SAGAGCTCCCCTGACAAAAAAT NG NCTGGCCAAAAT STCT GTA STOCCEA AGOIT FAAAAATTOCAAGTT DATA TA FA DA TTOCCTTOCTAA TTOCTTOCA POS COGO DO SOGO POS GO TTT PAAAT PACTGITTACAATAATGOCAC CTAG ECA PI'A PIAATA/SCACTTCA (SAGA CA CTT SCAAA DACTITCACATG CATGGCTT JATTT SAACCTOCCCGTAAAG JIGT SAGGCA GGTAG FPAGGGAAG FIGGTTATTATTATTACTACTTOCGGGATG AGAGAACT GAGAGA GCAA GTTTTTCTAAGGTCAACTTAAA CIDCTTTTTCCAAAGACIII IGTA GT IGA CACA GIGTA GTGACATT GTGAAAGTTTGGAAAACATTGGATAAATGATT1 FOOTO DTGGOO DATTCATTT GATT DDAGTCTTCAA DTTTATAGGGGO CCACTCTCCAATCCAAAAATCAAGAAAGAATCAAATTGA CCTGAAAAGGGAGACAAAA GGCTGAATCA STA SCTTCTTAG GATAAGOTGAAAA I FACOCACATTTGGCAAAGGGAAAT PGTOTGCCAGACCTAAAAGD FGGCTCGGA FGGGGACGCTAA IGGCCACTIAAAG I STTOTTACTGAATASTITAKTAGT DITTAGAGAGAGAAAATAAAAAA SIACAATG I IGGGTACT TITTTGTAGGGA JATAGTTTGTAGAGATGAC JATOC JIGAAN DATGAACAATATA 3C IACA STAATAGAGTGTTTTT CAASCCAGACTCAC SAACTCATTTACAAGGGTT I GTAT FATTCT TGTTTGAATTTACA TGGCTGATTTTATGAAAAGCTT TGTTCTTGTTATTG FTCTTCAACACAATTTTGT 9ATGTPGTATGAACCAGAAAGAAGAACAAFTCAAAGTAGCTTCCCCC ATRECTED AND ACTUACION OF THE CONTROL OF THE CONTRO TTGCCTCCTATGAA FAACTCCTCCTTTCTTATG STCCTCAAGAACAAAAACTAGTCATCTTGTGATTTCATGCTTGGCAAA TGAATTTTCTTCTTAATTCAGAAATGTTTGTTA TAAAAGGTGATAATTAAATCTGATG ZAAAAGCATAAAAATAACAGCT GATTTAARET. MASAASTGTACAASAAMSCIMTAALEASTTATTTASATSIMTTESTTSTTTT I PAAATTTATTI thas dat degreat far saaaataaata taata degracia degrata taata terta degrata et saaba belikta og etta og degrat TAT PROGRATITA PEAANTEATES TATAPET PETETATIOCOTETTO POAU 3A PEATATET AATTETATATTEATOAPOT ANALY MATERIAL ATTENDED TO A CONTROL OF THE AREA AND A CONTROL OF THE CONTROL OF THE AREA AND A ATAGEBERETALARICAGUTTATTAGAGUTTAVAAARIA AAUTAAGAGA ALIATTALTAAR TRAAALGI AGAGATAATI EL ra de tortat et de la cratat da compositat de l'elle de l'en de l'en el tatat de la compositat de l'en en tatr SAACETTACATTOLAACCABAGAGACETAATATAAETAATTATTOGAATCTTTUTTGAGTTATAATTATGAGAAATACTG TATAAAGAGGGACAAGATATTGTĆAGCATTTA1GGTGCAGGGCUTGTGGGTCAGGGAAGGAGGAGAAGGTGAAAAGGA AGGCAGAAGAAACTGAAGTGTGAGGGCTTCTTGATGTAGAGGAGGCCAATGAGTTAGGTGTTGTCAGCTACAGAAGAAGAAG CCAAATTATATTAATGT@TATGAGTGAATTCTTACTTCTCAAAT@GGACATACCAAATGAATTTGGAAATGAGTGGCCCC 'AAGTBAAAGGAGAGGGAAGGGAGAGGGGAGAGAGGGAAAAATBGAAATTTATGAGGGTGGGGGAGAAATGTGAGGGAGA

CAGATGT CTAGTGTTGATTTTTGGAAATGCTCTGTGCTTTAATTTTCAACCTFGTTCTGCTCCAATGAAATAGAGCTTTTG GAAPAGATTTATAAACTAGAGATAAATAAATATSTGCAA BGAAAATAACTTTGAGGTTACTGAATTCCAGGAAACTGAGA TOACTGAAATTOTGTGTCCCAGAGTCCAATATTTATTTCACAACTGTAGATACGGACACATCCTTAGATACCCCTTAGATACCCCCC MAAND TOTTOOT CIAATOIGAAAATIGGATACATTOIAA MASTATIAGTATOTOIG SONTAIAAAIGOIII COAAOIGA A TTI DTTG BATUTTO DETTETMACA BAAGCAT MATAATA DA DAGGGOA BUT DTGGAA BAAA BA DTG BOCA DAAAGGOPTI BAGA BOOTOCTOCTA PATT DOTAAAAD TAOSTTA DASTA FTGCATGT BAAGA SATAG 3 3 DTA FDTA FBADAAD PATGTOO TGAC FGATT 3CTAA 3B FTGATT BACA FBATCTF 3D FAA BDAGBE BAGAAGG DAGACA 3D FT FFA 3F FBA DAA BDCAACTE TGA : CASTINGINA I SECTEAC I GGA SAACTA I GOITAA BAA I I I GGA SACIATGID CAAG CIDITE E EGAAAAA ETGCIA CAGI PUATTAGT DA PO DOT BOUATGA DIACAS DAATAG GAAGA GA GTOD DAT G DOT DO DOT GETA DAAC DE DAAGA CA GBGABGTT TOOCAT FROT FOT STINITEATA FGCATTTOTTCCCATA BCTG FBAGC FAG BAABAAA TGA FN DI FGACCT GTCACATAT FCACT 3C CAG 3GCCAG CSCTAGGUTGAAGA 3GCAU FCA CCCTCAGGG F CGA 3 C3 3 3 FA CAAGAT CAGTACT TGCT CTGCTAGA GGCT CTAAACCCAA FAGTTTA TGTAAA GGAAA CAAA TGCA PGGAAACAAAAT G F F CA GGAA CAAA AACACAGACACA STAA CTGCTWCAA I GCCATGAAAACT I CCLTAATGAAGACAG CC POG CITT SCT ST FGT C FTA PG PCAT BADI BEDILLAS DI SE AS AS AS AS AN DI DACIO ASMARAABADA DATADA ADATE ADAMINIMINAS PERBUDA TOTATO DI ATOTO DI C ACACGGAGOCTAGTTAATGTTAATT 3 3GTCTT 1 GCCTT I TGAAAA DONSGACAC DA SCC 1 DA 1 3TCC 1 T DASS STESTTT CACTAAAGTAACTCAG OTGTTOTGA CATTGAG STAAGT BIDC IT FATACAAAAT OT OCTAA DB BT FAAAAA JAAAAACGT AGT I TAG TUAG GEO PEGGETANGGA E OTGCAGNOGAGO ET DE TOB TEPODOCAT EC BEGGET POOT BE BGT OF DEPADDAG TOTÉGTOGOCOTETTO TOCAGÓCTTATACTGT 3GTOTO FFFCAŚAATAT FFC TOCAAT 3 F 3 CT 3 GA 39 CT 7 F 3 T 3 GA 39 CF 7 S T 3 TOTE AGGACACTOTG PEACOT. AGGA BRATIGG RETETIG SECARIES DA FEA ET DOACE BA FA FE FECE PEFEA SECENCIO DABETT SANCITOAT ACCITTC DE PODE BEELECK TACEBUAE ACCORT ACTEBUACA TO CITCEAGECOCOGO TTGGGGTGGTGGGAACACCTGWTCT FAATGGCTCAGTCAGDCDCACTTWCDGAGGACACGTGCDDAAGGFFFFFFFFFFFF GGGA TGGGCCCGGGGGAGGACTY TGA I STATGCAAATTG DA FGAGOTT (CCAAGGGA GCT GA GATAAC DI ITCAT DADAGI GCCCATCTCAGCTTCACTCTATCCTCATTGCTCAGTCGCCAGCAGCAGCAGCATTCCACAGTATCCCFAFCTAATAGGGGGT AGOCACAGAGAGAGTGAAATGGCOTGOCCAGAGGTTACACAAATAAATAAGGCATGTTTOCACTCOCTCTTTPOCTCT CAGA GAGAAAAAAT TAGGGAHGAA CCACTGG BAGGAGA SAB SAA TACAA SACAG S FOTT DOOTDOOTA SOCACTG TGCAGTCTGAAG GACCATCACAGAC CAGGACCAGCTTA CA SAAA F STG-95 CACA GAAAC CA CF 3A GA CFCCCCT 93 CTAA OGTAATOT) SAT DTAAACADT) GTA STATATA DACTAGAAAAATA DA PAGAGAGAT SAA SE DATT SA SA DTAAS SEGAAAA BAGGAAAGA DTO TTG FITA FTY TOT FIYOTTF FTTTGA GA GA GA GIO PA GOTOT GT DGO IDA GGOPG GAAT GIA GTGGTG MAT WAT BUT CAOT STAGES WITAS LIGOAGEGIT CAA SEA ACT STEETE EGE SEET SA STAGET BEGAT AGATACA GGTGTGCAC DAC DACACTOGGCCAAT LITTTG FATTITT A BAGGA BADAGGATT ICA COLIC BIGGGCTAG BOI BGFCTCA AACT CCTGGCCT DAAG TGATCT GCC DATCTTG ROCTCC DAAAGT SIIT BGAACTA DAGGT SIG SAGCA DCADCADCCAACTT GTTT TOATTTAMTAATOTOO. TOO TOOTTTA JATTTTAA BODAA BAANGTA FTDA BTA JTT FAO FA TAT FJA BOTGACO CAAT TTETTTTCATCTATACT ATA CICATCC FTATTT I COAGT FIT FAT TTCCAA STT PC CC TC TACAA TIT FATTTA TTTI AATTATTETTTAACTGUCTT MOTOTA ITOTTGOT FICCULTOAAAATTCAAAAA FET MAATATA TICTCAI TTTTOCTCAAACTCAACAAAATĞAA FIAGAATCCTACTAACICT FTGUAGGCATACATFA SOATCTGGCFAGAGGAGGA COTÉ TGATGAAATTTAAATATACTAAAACTGOOTTTTOTGAA'I FGOOGOTGOOTGOTAO JAAAOT FOT OPOOTGTTTT CAGC CTT:GCTCACTACAGCCTTGACCTCCTGGGCTCAGCCTCAGCCTCAACCGCCCAAGTAGCTGAGGTAAAGGACA ATGCTACCACACCTGGCTGATTTTTAATTTTTTTGCAGAGATGGEGTCTCCCTATGGTETLEAGGATGATCTEAACTTC TRACERS SE ANTÉASSE LA GRADIA DA BARTAE BARTAE BROALA SE ET CATTOR FACTOR FOR TOUR BARTABER CARRAR I DERATTRALICE DRORGE SE ATTEAT. ARAMELIACIJE DE TENTENDO I SITET RAARFOU STOTTTTT APPACEE L'AD AD DAAREAK AARAE AS TE TERFALAS TE TE WEWELD DE SE FEATA VERTAGERAAMANDE TET MAN DE ETETE SELETE DE SETANTE DE SE FANALORS E DE ALE LETS AAT DE TE EELE EN DE SETE CARDAANAE SELETS ELL ELL SE DE PROCEDIA ABRETAD DE AKHAT POTALOR PERDESTO BANDATET, BANDAATTER ANA AKHATATT BERADELAAN aa - ii araliii artar vaariii - araarestiin raadadii setaalaa fiing berahaababtiide ATTECT STRACTOREGAGE ASSESSMENT OF THE STREET ASSESSMENT OF THE STRACT OF THE STREET O AACATACAGCTTAAATTACTTTATAACTAGGAAATGTGAGAAATTITTAAGTGTAATTAAAAGAAGTCCCAGAAATCTTT CATCOVATTCCTTTTGTTGTTATTTCTVAAGTTATTCGATAAGCATTAAATTTTTTTAAGGAGTAATTTTGTTACAT ^aaniinata saagtaaaatshiittittaa tahaatsaagagan oo torootttodaaktingtogotootoagaataanai AASTAARBARARUTTI TATATTTUTTOOTSA RATGATAARAG<mark>AA</mark>TUTTIRAAAGSTAGTTEGAATTTUTTUTTI IR

AGAAAGSTATTAGSTGAGA CATGAGGTGATGTTAATATTTTGATAGTTTTTCCCTAATACTCTGTGTATGCTTTCCCCA TT TO BAATTT TATATOBT SAATAT FTA FITTGAAGTET STOCAAAATT CAATCAAGGTCATOTOCTTTCTTÅT BACCCTT TUGAAATATTAGTAGTITAJAGTASTAGATAGAGAGTAGTAGAGTTTTCAACAJGAGTTTAGGATGTTGACJTTGAAG TAAT TA BODAAAT GA DT GAAT CA DO LUTAGA TAAT GET GAGGO DAT COT TAGET AT CACT GGA T GGCAC DT EGGG TOD TTAT GATARIGA BAGATA. TOA SOTUTU I GADARAA AADA CODA ACO POOCAG FOAGA PATAGA CODATAA FADAACAGA AAACACABET IMTAA BBBC DAAACACTAAGAA STCABTCAB CAA AGB I DOOLIC DEBATBGGAT ITG BATGAACA BBAAT ITG TT TACAAAGA BETTG TAAT DA TCAAGTA BGA TT BOGG DOO I FTBAACT BO PCACAA TTAAC DAAG AAFT DA DI DI TLAGG CTITUA I PONTITRANITTEI SOCOTUU PAT BAUTGTAAAN OT PAAAADATTESTE TOO OG PAA EBGOT POSTA EBAUTGT CONTRADA DE ETICERTE ABADA DAGA PARA DA CONTRADO DE LO CONTRADO A PROCEDA POR CONTRADA DA ACENTRADO CONTRADO D CODCAAAATTETTTA FOACAT BAGAAAAA BA BETAGCAA NI BAC DOCA FUDCAC NIGGT PODCTA PA NIGT FUDCCONAC CCACGGTACA BAAGG LGAGAA BIYAAGA BIYGI GATACCCCA BGA BATACCTCAGCAAATATAAT BATGI IA BITT BAATTA GA BUNCAA GONTAGA POTTATA SEGAA, SI ATATACCAGNIN SACA SUGCTATUTUNA NTU STO NIAGGAAA PGONGAAC TEALGAAGAS NAAGA ÉTTGCATTA EGT FAAAATAAOCTT FA TAAAGTGTTGGTTC F FOT FA OCTAGGCA FTT FAT SETCA AT STITTOUT SCAGAATTIGUGGAAGT SA FTAAAGACTOOA DIO UTGUGGACAAAA CCAAGUUG SATOCTAA CAA SEYAT ACAAAAATTTACAAAAACTAACCA ICAAGCT DTAAATCCCT TOGTTCTCTACCCAA GAA TA DCTAATGA TOT CAT DTATC MOGACTOT CONNETONOTTANATE CASTOANACOTTOTOGICIA SAGUTUNAUTACIAATT SET CAGATOTAAA SAAAA TATAGTCAAA 3GCAG 3AATGATAA 1AGGA 3C 1ACCACTTA 1 TAA 3CACCAACTGTG 1ACCTG 3AACTGCATTAGG 2DCTC TAGATAGATGATTTTATTTGATGGT6G AA 36AGGGCT6GAAGTA SATTTT6TGATT 3 STAT 7 FTA/SAGATGAGAAAACT6 ABACATGGAABAGTOAAGCAAGTTTCAAGBT CATGCAAGCABCABAGCAGTACTCABACT SABGCTSTT FOR BCTCTCTGA ACCCCTACTO FTCAGGACTGCTCT FTACTESCOTTTTTATAAAACCTTTAAACTCTCCCATTCCAAACTCGACAACACTTAG TESCTICCII TITTA SGCIGO AAG LATIC DI POCATODAAS IOO EGGATOADIGIIS I ISTITE EG EGAATES LAAAAAOGG CTTGGGTTTG SGTTTCCTCACTTT DACAA SA SGGTATGTTCDATTTCACCCCAAAAA I SGGTGTA DAGTTCTSATGDTAAC ACCTGGGGGT SGTATCAGCTCCCA DAGGGTAAAGGCTCAGTCCTDCTCAAGACTGCDDTGACDT DAGAT SCDAGCTTCAA GAGGGACCCCDAGGCCAGGCCACGCTTCTGATDAGCCAGCTADAAATTTGGGAGTTTDIATAADCTGTTAGCTGAAAATA TTCACTACAA FGAOTOACAGAATT DCAAAAA STACTCTGGT FAC FATGAGAGTATTA FGATAAA BGGTGAA JACC FFTTT GTECCTTIAT TTATGECTTCCTGG CTCAT DASTGTGTTCTC PAA CCAGGAAECTCC SICAAECC PIAGTET DIAGAGAT TTGTTGGCGT FTGAT FATGTAGGGAAF, FT GAATAGAGTGTG DAG COCCTGTGGTGT CTGCA GAG FTGAT CGAGTT COTAC COTETAAT CA CAGAA L'EGGTOT ET L'EGGT 39 DOACT 1950A FOC EGAAGOTATOCA 3 3590 1 DA 3CATGAGT DAC L'ECAT TAGCATCA CAAGACACCCATCAC FGA SGAAATTOTAAGTG FTT FTAAAGCTOTGT SITAG SAAATGGA SA SAAA SACCA GACATATICT FTATTATACCACAA SCTGA IS TIGCCCACTCAGO CCACCTCAGATG I CCAT SAATGAGCTT I STAASITA CTGGAAATAG TGCAAGTTGCAAGGTATCAT TAAGGGCCUTGGGACAGAGGAUDATTCA DCAT DTA BCAAADCTATAAAATC AAAGGTCCAAACTCCCAGTTCCCATCTTCCCAGSATATGAAGAAGATAGAAGAAGAGGGGGGGGAAGAATGGGCCAAATTGAAGAG TTTGTTTTTCTACATTTTTCASAA PSCTTTC PCACTTAAGA CACATTCCCTAGOOT C 990TT BAAAGCAGTB 90T FTGGT AAGAGTTIAA ITAATOTTOAGAGA JACAT ET DTGGGAGATG BAGTTGGCCGTGTGC J JACAGTGATCTGTL JATA SCACA AGCTGTGTAAAATGTGACCTCCCTCAGCCAAGGTGCCCTTTTCCCCTCTTTTAAAATTCCCCAGGGTAGGCTFFGAFAATT TEGAATGAGASTOTGAAOCCASASTTACAAOCAGATTTCAT FATACTAAGTOGTGAT ITACASTOTGAGGT JAGT JAGCC CACTCATCCC TTTCAGTGGGT SAGTGTCCCDAGCATCTGAAC TCATGGTCACTTTTTTTTCCTAAGAGATTGTCCTCATCTTAAC DACTIALALE PROTECTIVATO DE ARTI RECETE TE TE PARTE EN ARTI EL AL EL EL TOTO TOTO DE CETA DE LE TOTO ATOLÀ EL T SE TALLO LA CARLA LA CARLA LA CARLA CONTRA LA TRANCA LA CARLO DE LE LA CARLA LA CARLA LA CARLO DE LA CONTRA LA ANAMAN IN 1996 FER PONTE PARTOR FOR STORE STANDARD FOR STORE FOR THE PARTOR FOR THE SAME AND THE PARTOR FOR THE a tiwan na a mai pregri kri aang panta a ana kaba kiba baining kriing tropa Jenepi ketatkaa (Aaagii k TOPTETH ACADE TO AT A FAR A STITTING TATES A MILANS IT IT ATTITUTED OF IN ACADEMAGACTAGGASTS SCOTTISCI audicitace telegreficèles alaccotute de l'accapa de la capacia de la capacite de la telegre da capacite de la OTTACORECTTRATTOLITIBALIANTE ANTARANTE A ORACORTOCIACO DI ACOLICA GONTO DORACANTA E ERTOLICAC ATGUTTOCTCATAACTGTGACGTCATTCTCTATATGTGAAAGGAAAGTTTGTCTCTTTGGAATAGCAGTTTGCAAACT CTCATACCAAGGTTCCACTGTGGATCAGTTTGCTCTGCTAGGAAGGTGCGGCCGGTGGCCCTCACTCTCCCCACAGGCA CATTOCCCTCTCCCTCCTTCCAGCCCCTTCTGTCCTTGGGGGTGGAGAGGAGGAACTFCTGCTGGCCACATTTTCCCCTG OBTAGREARTE POTTATO TO POSTA A REPOST POT PO PARA CONSTRUCTO PO POST SANOTA TETTA A TRANSPORTA PARA PARA POT A ANTIT AT AATA BIT AT ITTUT BEGINNING TO THE COURT AGRICULTATAGA AATGACTTTTGTGGGAGGGT ANTIT AT GAGGAGGA GATGAAA MAG, GGTGA GATA TILL BAGGA GATTT 77

MAAA:ATBA:TATBATTGTTS:TTTTATTGTTATAGTGTGAGAAAATTGTATTTAGGCAGCTAGAIATTTTATAGCAC TATATTTCAATTATAAACTIGTACAACAGATATATTTGCCTT TAAATATTTTATATAAAATTTTIGTATATATTTCAAAGC TGTSDISTSSAAAGGGOGTGIAAGGTAGACAASITSACTGACTAGCTTCIAGTCCTAGCTCOCAGCTCCCACTAAAA CAASTIACTICACTICACTICTCATCTATGCATTAGCAGGAAAGACCTCTAAGTACAGTACAAGATATATACTCATTTT ATTAA (AAAA 3GA), IGGTCAAGAAGGTCTCTCAAA 3CACAGAA FFSTTCAAAATTCTA/'ACA 33A TAAA/AACTTATTAT TOTTTAAAA, MAGAHATATATAGACTTATTTG DOG DOO TTTTTA HEDAGGGOODACAGACTTE DED STOTGAC TG DGGGTTTGC TBMPSAMA PPOPROATTTPOTITTATAAA SCACASCOGTABESCETTGTOCATGATTTTCA SECTEGOETTGTGTAAGC A PARTICADA DE LI MANGATO OT LIGITAMA CAMTEL DA BAGGAGA A SCOLETOT GGATGETETA PBAT BETELET DECO COGAG ACTITIBACA SCAGECITIGEGGACACCETANTA PGA CAGISAATET FIATAGCAA DECACITETA FAA FAETE ET STOCAACCA TTTEGGOTT SOUTH CATAGAAAGAATOTTT TOOD FITO DAGAGG DATGGTTCATCAGTOT OCOATAGATTAGATTAGATT HERT SATIALIAN AMAAGTATAANAG FILINAN SALETGETGAADAAGAZAGATALA TEGET FILAKATATATATAK OATOT DOTE, TAUGOAAFAA TUGGOTGOAGGGOOD GAOON AS MENAR LOGAAGAAGAATAA TO AAANAA OTTO OGGOTGOA TTOCTATA CITCTIG STITGGAC TTTTGAACACT SA SA CATTOTA/GCATAA/CA/CAGATATAAA/ TCATGGT/900/CAAAA TOTOT OF SIGNOTOT PECTOTOT TETTOATT TOTAL SA SA SAGGAT SITTOATOT PROGOCITAGA ST SOAGIO SCATISAACA TGGCT DAC PROAFCOTOGACCTCCTGGGCTC BAGDAA ELTCCCTACCTCAGCCTCCTGT READT 3GGACTACAGGCTTG TGCCA DCA PÉRICAG DTAATTAAAAATACAGAGA SA PA TATATT PROTAAGAGACAGGG SIDITA DTITGUIGOCCAGTO TGGTC ICAAACTSTT 3GCCTCAAACGATCCT ICTA CC CAGGCT CCAAGGTGCTGGGA CFA CAA 3TGTGA 3CCACTGCA CCAGC DTGAA BTTTT DT EGGCCT TCCTTDGT DQC DDAA DAACCT DAACAACAGTTCTCA 5 DES DT EGCTAG DGCTGTAGA ACAAA STID SATAGA TIGGGIGGCITAAACAAACI SAAATITACI SICIGCACAAATICIA SAG SCUAGAAGI IIGAAATCA AGGTG DOAG LACTIST FG STIGGOT TOTGAGGG DTG FBA BBAAGGG FOTGTTODAGGGOT DTGTGT TOGAGG FGTGGACAG COCTO FTOT DOCTOT STOTECT TO ACATOMIC I TO DOI DISTIBIT DETIGITOCAGATTICATO FOR OCTAAG JACACCAGT CATAT 195A TTAGGG TTAGGG GOTGGCCT (AT 1 1 MA STTGATTGCCTCT STAAAGACC STAT STCCAAAGAAGACGTCA CATTO PGA SICIAC I GAA SGTTAGGACTI CGA CATA FA CA TITTIGIS SIGAACA CAATTOAA CII FAMAAAA TI CAGAAAAGA CTCTA DOCDARACCASCAGAACT TAGCAAATAGA FEGA TTGACOD TTAAAAGAATTCCA FITA OT GGAAAT TCACCCTCA GTTGGAGAAĞ ƏCACA ƏĞIGATA I CAAAAYƏCC MƏT ƏIIIA I ƏATGGƏ ƏGAGAAAAT CITIĞA ƏII ƏCIMIĞIT ICTACTACAĞC TTTCT 3CA DI STAAG IT SAGTAACATGA/SGU NST 3 PS 0 3 STGGCT/CTTGCCT/STAA/DCCCAG 2A/TTTGGGA/SGCCGAGG CASGG SGAIT SCCIAAGGTTGGGAGTTTGAGAAACA SCCIESGCCAACATAGAGAAACCGGGATCICTACTAAAAAATACAAAA TTATO FGG 3 T STGC TGG TGCATGCCTGTAAT FCCA 3 TTA CTTGG SAGGCTGAGGCAGGA GAA FFA CTTGAA CCCGGGAGG CGGAGATT SCAGT GA BOCAAGAT CATGOCAT FGCACT CAGOOTA BACAACAAGAGCAAAACTOCATCTCAAATAAATAA ATAAATAAA TAAGTAAGTTGAGTAACTTGCTCASTAATA SGAAAA GCCACCTGACAGGCTA GAAAAAACAT GGACTTTGA AGATA BACA FACTOG PSATOGAATTATGACC PCC POUDDTAC FAC DTG TGGGCATTCTGT BGAACT TAACCTTACAAATCC COCTT DGA DICTA A ANTGGAGACTATAA AGA COTT SI I SAGAGGAA TAAA TOOTAAA TO IA FSTAAAGT TO CTGGAACAT AAGGAATCAA SAAAT ST FAGGCCCATCTTTC FTT FFAA DUTGTTAAGAGTATTTTAAATTAG POT SAAAGT OTTFCCCTA GCTGC PTC TERMAT FCAGGTGGCCTCTCTG FCA FAG EFCAGGCTTGTCCATAGCTTATGAGAC GAGACAGTGACTTQC CITAL STITAL STOT CATGITICAGITITGITITI SACADO SATIGAA STIGCCATIGAAGACATGAAGAAGAAGACCCITGCAG TTAGCAGT FBCCATTAACCAGGAGCCGCCTGATG CAAA GATGCT FCAGATGGTGCTGCAA GG CTCTGTGGGAGCTACTGT AAATCAGGIAAGCAAAACCAGACGTGGGAGCTCCICIBBTCTTATTATTAGGTTGTCAIFAIFAICAGTCGTGCGTCC THE PROPERTY COADA WITE CARREST OF A RANGE WAS A WARREST AND STREET THE STREET OF STREET A GORAN ARE TALARA DE ATOLINA ARABARATS E ANTOLINA VIA TRANTITURA O PRESENTA ARABARA DE ATOLINA VIA CAPORA TANA - WALLEY BOTTO TANA AG WARENTE NA TOUR FRANKET PAMARTME PAT FOATATOT AFVETGAT ST AA BAATO NI MUTATIBAT BAATTA MATTAA MELAGA MALI MAGG BITTGAGAACT PAÑ MAGAAA. GIOTAT AGGAGAAA ΟΡΑΡΕΙΑΘΟΙΑ ΤΟ ΤΑ ΕΙΝΕΙΑΝ ΣΑΤΟ ΣΑΝΟΙΡΕΙΑΝΟ ΤΟ ΒΑΙΚΑΙ ΑΝΕΙΑΝΟ ΤΟ ΑΝΕΙΑΝΟΙΑ ΤΑ ΕΙΝΕΙΑΝΟΙΑ ΕΙΝΕΙΑΝΟΙΑ ΕΙΝΕΙΑΝΟΙΑ Ε BANUT BAGAUTTUT TAGAGATTAGAGATAGAGA BAGAT TAGAGATAGAGATTUT TAGAAGGATTUT TAGAGAGTGAGAG AACTTARTI DOTODE - 'ETDACOTOTOCATAATOSQASOAGE QAGE TAAATSTAGAS AAST STOAGG AAC 1987 U OTAE GAGTT DTA BATO I JTTO T FG FOCACACTTO CACGGOAGTTA F FCAGTGAGCATCATGAGTCCTTTO PATTCAG IGTAATTGG ATTAG BAAAAAAAA AA REAGGAAAGGTTTGCCTTTGTAAG BGCAATGCTTTGATAAAANG BAAGACTTTGCAAGGCCACA A MATIS TOTATOT FAR A DIAGONATAT FOR ACTIANTICA ROSPONTTATONA ANTOT FAR A TOTATONA AND A MATIS FOR A MATIS FOR A CONTRACT OF THE PROPERTY OF T TABATKA STUBA CAAAAATGAA TAGAT KAAGGUAATOCTGATTTTTAGAAAAG CAACTGAAAG AAGAACAATACCATTGATG

AGOSTGAGTBACABAGTANGACTUTGTUTGAAAAACAACAATNAAAAGAAAATAAATTGGGCTGTGTATGGGGGGGAC UCU TRANCONA SINA TITTEGRA GEOTGA GERUUT BAUT BAUT NOTTRA GEOTGAGA AT TAAGACCAG LOTGGGCA TUT ESCRABAT ESCATOR DATA EARANAMATACACA PAGISCATA DATA DATO A TACARANAMA A CATO A TOTA SA TOTA SA TOTACA SA TACAR PCT BACATROGA BRATCA PTT BAGRIT RARAA UFUUA BU PTG NOTCAGCA BAGATIAT BCCA PTGCT DTCTAGCCTGGG RATA JARIS PARA TURTURI SANANAANA PANAN MAAAAS WA INGA PADADBAAAATA SATI SATAS ITOTGAGIGITO TATADTEC DEEL AACE AAC CEAC EE TETETATAAC ETDADTEAACA CAAACETE AAACETAAA TAAACE TAAACA AACA TTT DECAGOA (GEAEDAE TOGAAGTAG EESAA HIETTITTE EG DIE SAAA PIE DE PARA EE DAAAA DIE PATE SAEATEAC AA DAAG PAG DA DOO TITAAGGA TITOA DA DA GA BAAGAAA AA BAAGAAA ATA BAAGAA ATA DOO TITAAGA AA BAAGA AA TAAAAA AA DA AA STOC NA TOT NA GACCA GOA GOTT DA SI A FCA CONGA SAAC NIGOTA GAAA GA CAAA GITO NAGGOA COCTOCAG A LINDER FEAR TO TOTE BADE OF TOTE BADE AND AGE AND AGE AND AGE TO AGE TO AGE AND AGE AND AGE AND AGE AND AGE AGE. FEBREAGANA TO DESCRIPTION AND TACE AND A TRADERING TO THE FOR THE SECOND TO THE SECOND TO THE SECOND TO THE SECOND THE SE DI GRADARACITOCRASIA GA BADA BADA BUTI E AD ABADA BORDITORANI I DAN TITAAN KADABAR ADA BADA BADA BADA I A TIP OF BAAT COAAATA SII O NACA 160 CCA FOAA FOTGO FGA TAT FOOA O CBAFG CAO FA BA SICO CA BA BIDT OTTT GOAT TIS SIDA SIDAATITI SIDAATIST TACAAAT SITTATAAT ATOOTITA TITI TITA BAAAAD DITAAAAA DA TA DACTIS DOOT DAAATITISA SAG COTTETON OF AN ALAC AL ACTETACIO CON BACACITETO CONTINUE CAAACON NEED AC CAAACON CONTINUE AACE TTAATT DI SCA BIRGBA PORGOONDAA BABDA STOAGINAGGAAOTG BEPOTTTGGINAAA BOONFIAAN PAANTAAN TAANTAA TA CABACABA KATAT 1993 STO 100 TA 13 STOC IAAAAA TA TBAGTAT BAABBAT 3 PGAT BBCA TTT BABCTATAAGABAA AA 3 3A CEE CAHAAAAATG CGTA 3CAA FATTEC UTTOTA ETCAAAACOT TA 3AGAAGAA FA TTAA-3FATAA SAATATC EFC AC INDESCA BA 195 SE SIA NAAG BASAS AN FAAAA SI TIDECTAAA TIDAGDGAAAAOT DAT DAAAAD BINAG SA ING DATAA DI PERIODA BE TA SA SA PA PO POCT DO PECACA 36 DEPOT SOSAGA/GGECOS CAATETES DE SOCA FATACA 3 SA SACACAC PATÓCOCESC AGT SAA PCACAGOGOGOT TEGTAATAASAAT SIDI EGTEGTEGGOT TIGOGITGIT PETAITTI SIDIS DAT BIDGIG TEAADATACTOA CAGA FFATCT 195AT CAA TGTT 17 TGATAC TTGAATTGTT 17 CCTGTAT 17 GA CAA CAAT DO CGACA GAAAAACTAGTTGTT G TIPST I SITETITE DA STACATAATA OSTA E SELITAAAAGGO LAGAAAATATATTI 666 SAAITA ELITATTATTITA ETTT ACTE PERAGACALA REPOLICACE DES ERECTORS EL AS REPÚBASES A CARDESCA DA EL DECARDO DA CERCADA DE CONCEPCIO. AGGE FLAAGAHA FEEL COOCCEGAGOOL DOGAAGTAGOOGGAGTAGAGAGAGAGOOFGTGOOLA DA DA DE SE SECTAATETERG TATTII I BGGTABAAAT BGGGT TTCACCA I BIT BGCCAGGCTGATCTTGAA TTC TTGA DC DAAATGAT CCAC DTGCCTTG GTOTOC SAAAWT BO DG HEATTACA BECA TA DA NOACOETECCODEECCATA TTTTTA TT TIT TEEC AFEA BACA BEETCT DA CTATGC DSTOTA 3GCT (STOTIGAATTCC) ISG 2CTCAGAGATTGGGGGGCTTAAAAAAAT 2 2 2T 2 TIGA 2ATATTTTTATT TAAAA FICATI A FGGTI GAATGUTTUCAAAGTI GACTATGOOCCAGGACUTOTAAAA GGAUUTATGAAATGTTTGAAGAG CACTO POTENTATO DE SETENTATA CACAGO DE CONTROLES DE CONTR TAGODO FGCATO SO FGAATAATAGAAT GCAGCATATGCACAGAACTTTAA SAATGAC FAA DTA DAGGACTATAAAGAT CA GAAAAGAGAAAT DAGTITUAGGUTGGAGCATT IGTGGGAGGCGTTATGGAAAAACAC DAGTTAAATCTTGTCTTGACTAT ATACET BEAALAAA BE CECTAETGEEGAAGAG EGAGOCAGGACAETEGOC TE COTGATOCAA ESTATOACTTTCAECTS ATÉCTAT'OPACTAT TO GARATT ARAT OTT CARTOTATOCATTOTO ALCOCATTO DE TERATOTO E CELATATO ACCETATO ACCETATO TGEATA BBAANA AAN NETAATATATGEN NEET LOGGTACCATOOGCAGTE PAAGGCA POOCEET 966GG PCTTGGAACCTA TODODGAGAATGAGGA AGACTGAGTACDACTGAGTAGGACCAGCAGGACCA ZGAGACT ZTGTCAGGAATGCCTGTGATGCA CCGGGTTCCTUT4AGTCCAGCTGGAGCAGCGTGTTCTCATGAGCATGCTA 3GACAAG \$AGGAAAGATTGGAAATATGATA PROTEDANTET IT JOAC (ACTTATAAN, CITERIAAT BEAGINICIDEN SUITATEA ICCITETECATEACAOGACCITAGE TAAANT STAMTI YOAAANGO TIAGTA AYYAT MISTIFFIONTIAGOIDH DAGCOOAG YAAANSITACIOXAAAAA SAA POARACAAVITTUUTTOPOTTEE ERATTOPITTT ARPTAAAAPRAK, AANATANA AAN BEAGOT TOPOT EE AAN EE UIT AN EE TOPOT OOT TAN ATTA BARTTT NA TAAT WAGUNUNTOUNT OTOODAGAT 5600 TA DAGAAA TGTTG TATTT CAAAAT DAAATTAAAA TT DE FERLAÇÃ STUTTALA GREGATURA TUGA GATEGRAA DA A TOCORA CITATO TOCORACTOS SEGRECAS TIG TAT TOTT TIT AS DANGE CALBABACT STOCATIGGTES CRAGACT CACTIGTT CTTACACGT CACCTGAGGATTTGTCA AAATHCAGATTT 1969 1CTGATGCARTSHOITCGGCCTCTAATCCCAGCACTITGGGAGGCTGGTGAGHTGGAAGGACTGCTTGA SARGARDO PARTESTATASTES PARTES DA CONTENDA DE CONTENDA DE LA SORIE PARTES DE CARRES PARTES DA CONTENDA DE CARRE

TTTAGCAS TATT BAGCTCCTACTTTBIGCCASS LACTGTSCTA BATA FGTGGAAGGATGAAGTCS TATATCAG FAGGA CALCADOTC DE CONTRA AGRACAGA AGRACAGA CALCATA TO ATOTA TOTA TO AGRACA AGRACAGA AGRACAGA CALCAGA CALCAG ATT FTACAGAGAT PAGAAG FOGTGGGT GAGAGTG FGCTGA FGGT GACAA DI DI PAAAT FA FTAAAAD I PATCAAACTI ATT BOT DOT DOTAT DE SOAAT DE SOAAGE FACAGOT PET AAT SAAT AGAG FAAC FA FET FET DA DOT EST ET BEGO FB FGT A TITTOTUCTCCAC FOTGCTAA DAGACA SCAGAGG FGA OBDA BAABT BGAAAA FA FITBGGB OFTBAADAG FFC FDA BGFF TOC COTTAGIA SONOCA DO NUNTO A BOAGA ON NOCADA TAGA NOCA NA DO COA SANINO CAA SANIO ACANA CA PARA NA CAAAA NA AGDICAGE CALLACIDATION OF CENTROLOGICA ADAGA ADA OFF FOR GACTICAS DE STAGEG SAAGCA SAAGCAG DOA DAAA SAAT DOE 9 30A SOCIETET E SCENSIA SICA SEA DE DATE ΑΑΑΑΑΑΙ ΑΑΓΕΕΤΙΕΙΝΑΙ ΤΟ ΙΘΙΑΙΑΙΟΝΑΙ ΤΟ ΙΑΚΕΙΝΟΙ ΑΕΘΕΙΑΙΟΝΑΙ ΤΟ ΕΝΑΑΙΑΑΑΑ ΤΑ ΕΝΕΝΕΙΝΑΙΝΑΙ ΕΝΑΕΙΑΑΑΑΑΑ ΕΝΑΕΙΑΑΑΑΑΑ CADO A A AGADA DE CONTROCTE DE CENTRE DE CAAGAA GAAGAA A GAAGAA A FARA DE CONTROCTE DE CONTROCTE A AGADA DA DOC NEAAR I ETAKETE AATERAATET DI TETET TA DAKEET DE ATT DATAS ET DE TELET TE AAA PALAARTE TE AATTTAS DA TGT CTTPAAT I FAAATAAAAGATASTA STACTCA OT SISCAD DAG FRADA SOTT SOUT FTAA SA SAAGTA SITTI DAGA AAD ACC DIGAAAC BETI DI BDA BOATATAT BURGICA DA DECIDAGAAAADA BA DECIDIGAGI SELESTICA EL PETERAADE BAA AASE TÉ SATÉ TÉ AS AT SITETAAACCAACAS E AAAC CBAT SABOOTE TITAABS AAGABS AAG SAS A ETSTOBBS TITU AAABAACCAG FAB COPTAACOF BABAC DAAGGOOATA MEDDINGS OF FA NA BONG BAAAT BBB BAAAT BBD FF FD DIPAGGO AGTATATOTO SIGNIFICAS SAATAPIGGGA MOAA SIDAAA FINOMINAA FIDAGA POD ATTINA CITAA SI TOAGA POD DA MIDA SIDAA SIDAA ATO POTGAGO DIPA BAAGII FACIL VAUGUITOGGIT FOO POAGAIT STAAAA POG BAATAATAAT DIPTA DIPTIPIDOCTIPICAG TTAGTGACAGAA TAAAAT GAGT TAATADA TGGAA DTTAGAATAA GADIT DATA DATA DTAAG GAGA DAGTAAG GAGAAG GAGAAGA TTGTTCAGT6 9 5 9 CAAATAGGG BACTGATGGATTCGABT 5 3 AAA TABABAAA TTAAT CTGACTTAAATA C 5 3A/5A F PSTC T'AT COAT GAT I I I STO DISTICITA I AAAGTTTTGAATOATAA SACADA STGAIDSO I SAT SAGACAD IT 5000 IT 5000 IT 5000AGCA GGANTOTIGGS FINDA FANDONA BOT BINGO NOTOCOANAIS WIAITBINGA DI BIJA DAGBBEOGADTIDAN DIE DITTUT BOATIS NIAGITT ACTEGACA DITECTA AGE SIGNATA AGE TOTO CE TO DE CONTRA CONTRACA AGE AGA AGA AGE AGE TO DE CONTRACA AGE SIGNA CA TIGA TATOTTI DAAO FAATI ITAA POTTTA(ATTAATTTAT 3A 3G TA 3B 3T OFTAT CAOCCACACAT CA CA SAITBAA BAAAC TATIGACATIGAGIAIG STTAAIGTAIGCTTGTTTAAGGTTIG HAAA GC DA GTAAG DAIG DAAA GOGGGA LT DA GA GTT GA GDACTIC TGGCTCCAGA ST DCATCCTCTTAATYGCCATGCTGAGYT STTCDDDDDAFTGADDATATTCAGTT SOTAFTAACA SAAGG AAGAGTAGCT FAAA RAAGAAATT FATTTI TCTCTCACATTAAA FAA JAT PIGA IGTAGTCGATGTA JAGC PI FISTAGTGG OCTCATAAAG PDAT DAGAGACOC PGGTTCTTTTCCAATC DTTT 5 DDATGCDAT DOTGGTTCTAGT STACCDA FT DTCGTG GTCATGATATGGTT 3CTAGGGCTCCAGCCATCATGACCACATC 100 1403CAAGTCAGGAGTAGAAAT 3A 3GAAACA 3CAAAA AGATGTGCCCATTTCCCAGTGCCTTCACCTATATCATCAGCGATCCCTGCATGGGAGGCTACCTGTAAGTTTT CAGGTGCTCACACTGCCTGGAGTTCTGCCAGTAGGGAAGAAGAATGGATATTGAGAAAACAACTAADGAATGTTTGTCT GCCACAC TGAGGAACCCATGTATGGGCTGTGAAAAAGGGGGGGCCAAGGCTGGGTACAGTGGCTACGGCTGTAATCCC AGTACTITGGGAGDTGAGGTGGGCGGATCACTBAGCTCACAAGTTGGAGACJAGGCCTGGGCAAAATGGCAAAAACCTCG TOTITACAAAAATADAAAAAATTAACOGGGTGTAGTGGCGGGGTAGTTCCAACTGCTCGGGAAGCTGAGGTGAG AGGATCACTTGAGCCCAGGAGGCAGAGGTTGCAGTGAUCTGAGATCATGCCACTGCCTTCCACCCTGCATGACAGAATGA SATICIC ICTOTAAAATAGAGGGGGTACCAAGAGATCCAGGGGGGGGGTGAGGATGAGTACTITCTGTAGGGGA CONTANCTO PATAAATGGAGGCCCAAAATGTTA ITSCCATCAAAAGUUAGGAATCCTTTTCTGGAGGGTAACT POCTG CONTITIC TAATOCCTATCAATOTGG; TTC TGTAGAACT GTGAC PSCTAGAAACCCCAGGCATATCT STTCTAAGAAAAT ACTISTCTTCGGT5AATTTACCAACAAAAGGGACATCAGAGGATGTGAGGT3AAGTCTGGAATGGTTGTATCACTAAGTGA SARCAGCAGAAATOTTTTTTGTGDAACCTATTAAGAATATTACAGATAASAACATTTTTTGAAAAASTTGTTTSCAGTSTCATTTT at fatci tototabattitopaa si taki togotattototag safesatagtafaattatti caa itttaatgaaata ΑΝ ΥΤΑΘΑΘΆΑΤΑ ΓΑΛ ΌΣΟ ΑΛΛΙΌ ΑΝΊ ΘΑΑ ΑΘΘΆΑΘΑΑΣ ΤΙ ΤΑΘΑΑΛΛΑΘ ΕΛΤΑ ΤΑΛΑΑΥΤΑΙΤΙΊ ΤΙ ΤΙ ΕΘΑΤΤΑΤΑΛΑΙΚΉ Ε aterte partattaattaathaana et serpett sacht all te series at carrate tatte et tatte et et et et et et et et et A PARTART STOTE FOR TO A MAIN ELEIA STOCK HADE STE RAMIRTURT ET GUT DATGROTGO DO DOCCTAGOGROS TUTATTSTERCRATEAGAATUSTTTTGCTSCAACUTG1.GSTTGGCTSGGCTCABCTAAGCAGTTTTTSCCTGGAGTCTCT "A STEURANTGA/ANACEGACEA SCANTERAATEACEGAATGCETCCECACECA ECEGEGEGET EGGEGAGAAAAA CRETAGERRETARTTETERAGOTACOAARAACARTREE E TRITCACTIATCUTAGACACACACACOCACOARACACATCACACAC TAA HELTUTA BRAGAS YA BALLUTI EL PEUCATTTOAGAAATACAATOTOCTACACTOCOAGAAGCATCTGTTTGCCTTA

GTAGCCTGCCAATGTTATAAACTTGGGGCTTGAGGTCATCLTGAAACTGATCTTATTTTACACATGGTGGTAATTGTAAC TUITAUTTA SAAG "AATRARAAATAA TAAGGGGGGATATAGATITOTOAGGATT SAAAGGOJATAYGOOTTOOCITOT ATTIBITOCUINAAABUSTIAATICATAA USTTAGOTATOOTALAATTIGOTTCAATIAATGADAAAGATAAAGATAAGG tora fathmais pragoga fito tomman eto totorga et paatoragethei i dtafa scagogatactocato ATWAABCINEBUTAASIITAITTIB WITABBABGTACITOTTECTTAGCAAFATAASIITATTAAAGCAAFA GET A AATGET STADA AATGESTE AA GASKA STAGATAACAA FIJOO OG GOTATO SE ATGET STAGATO AA GET STAGATO TIGET SAGATO E TATIC CONTUST AGGITA DA CAGOCA I TA I TO I GIOCOTICIA A GIOTTI AT I GATTICIA AG PPOCOTTO GGA UAA GAG TACANAACAAAGBCAAAABTT BATCA I GII TTAAATAA BGII BADII ITO I ITO I ITGGII BII BTA BEBTA DEBIGGADBABAC AGCIBAAATIAD SAGGTTTAA DG STOCATATAGAG AG DAA TAGAGAGAATAAD ADD E DE TTT DE AAT TTT ALE AACHAA FIST FOR AG GAB TTAC PAGET STIPATET PAGET PAGE AND ATTECT TO TO TO TO TO TO TO TO A TROUGHT AND A TROU CTION FRAINCETATATET FROT PAACEAN FIT FITOA FA FI COFFRA FIT FITAAAT DICA FI SGI BAT FI COLI FGGAT CTOM HAMACA HITACTH OT DCAA TTAT LICHAG FOTAH TAT FOAA COT FTAA COTT FO CAH PGA GTT TIT FIGICII FI FAG DARRIE ICE ATAAACOCTO DE ACTODAC COTTOTAC CE AADTUR LADCOCOLATOTO DAARETA AOTODE TTOTALIA BE EGGIA "POACOT GOCACCATACO DA SOTA ATENTEA PA PETNET SEA SA PASAGRET FINGO DA PETROCIDA SENTA EFO DACCC ACAC CADODAE 1 AC EDAC ATTREE E TO E 1 E AAAC DO1 1 DEA1 TOGAD DAC OT AAD DE AOTODOTTO. YN 1 TI CHANDSACTSCATTTT POPT POPT POTAGAAGT POPT PODDOCT PPPT DE SAACT PPPT DODG 5 JOTUF HET PLA PPTT CO DE RETEA PERGETET PA POATG GAT I TEATA DOT FERRAT PEA FER POT DE PETET PET DA GETACA GA PA CEA CEAG GATTI PATACATTTTAT PACCECT CTATA CTTAA CTT PGGTTTTTTA CAT PGT PGTAT PAT CTC PAATTCTTA PA PGG SA CTA ATION TITGITTGATGCATCIBITAGTNITCOCTOGIGGTGGTT 3 3 FT POLIFICATATGGT FIG TAATTTTTTATI ST SAG OTCA FOTTTGGCGAGAG TGGCTCATAT COCCTGATTGAGAAYDFF SICFICIAFAAACAAC FICA TGTTG STTF SSICFIAA TOC TAGCAAT TECAGTAAT OT TEGACT FOLIT IT CAA FITAT FOT CECACI PGAAGCACA FACA FECAA FIGAAT FACAT TTS TAACTTATACTATS ISTIGETSIAA ECUTAGAAT FIOCATTT DICAATA FGACTT POT FITODATAAATG EGO ETAAA OTGA LAGGAAGTTTTCA TTOTGCC FOT ITGGACATO F FGCA GCATTFT POTAAACCC FOT F PCATAGAT GGGATA GCTTT TCAA PECTOTEBACSATATECA EGISSIATATE DAGAATOT DECITIF E DO DEGECCAA EGO DAGATOACITAA POT PETOT GAGO E ETGAAGOCCCTT DOCCTCA SCC LATAGA DOTA IAGA DAGI DOTAAAAA POTTAATGG SGA STOOTAOT SA DAGDTG AACAASTTT TEGOTSTS OT POOTAGOACITECCATA ESPACETA E DA E BAG BAGGOTGAA EGOCATOTE FOOT EL OT BOO ATE TUSCITETAAATCACAETGAST ETT LITUTAASTE FAACASCID DOATTO PECASTEIG FILIT SASTO FEACTO TIAGA TOCA: CACTTOCTOACA FIGTTATOTT MUCCAAGCATOCTAACAT ITD IGAGTTTCAGAAACAAAATAGAGATAAATSCT GACT : TTTAGGGTTGTT 3GSAAAATTAAA (AGATAA PGCATGTAAAA CTCPTF3AAACTTCTTCTGGCACACACAGAGTA AGA GET TOT CAATTOT GOT AGGTTGG DIT CAGTAT DOCCTGGG DAA DITTITAACATTAGACA TTTOT GGGC DAGAAGO AATG -000CACACTTGTA STOOCAGCTA DOUAGGAGGCTGAGGTA SDA SGATCACTGGGGGCCCAG SAGGTCGAA STITEGCC ATEA: CTSTGATGATGCCACTGCACTC LA HOCTGGG FGATAGAG I SA SCCCOSTCTCAAAAAATAATAAAATAAAGGTAAA AAA AAAAAAC AAACACA BAGAT ITTICTIG BIGTI GITACOOCTICA GOA BITTA IGA ITTICAT TAAG TOTIGAGATA GATO BICAGAAA CONSABABACCOCACAGETGATA COCACAGET DE ACCACCACAGE A TRANSACACOCACACATO DE CONTRA A SE CACACACA CACACACA CACACACA TAAG: AATTTCATTGTTCAGATTTC: AAGCACTTCAAAGTCATTTCTCTCCCCCCCCCCACACTGATATTTCATCTCAGATG TGETUAAGCTGTAGAGAAAAAAAAGAGGGTCTCATCACGGCAGACCAGA SEGAATATCAGGAGGAACTCAAAAAAGAACTATA ACANI CTAAAAGASAAOCTCASGCCAA IGATCGAGGGGAAAATTCCA SAACTGTACAAGCCAATATTCAGAGTIGAGAGT CAAAAGAGGTAAGAACAGGGCAGAGGA FOLOTOTTGTGGGATAAAGAGCAGOGCATGGGGGGCTAGCACCTTFGGG FOA THE TRUITS WITH GOOD ASSITE AND A COTOMAN AGGRESIA HA RESTROCCA LA PERAGAGA POTACCA MAGESTA ANG PERBERTING CONTRESPONDED AND CONTRESPONDED WITH THE PROPERTY OF A CARD CONTRESPONDED AND AND AND AND AND A na propinska pravni tropini na prim tekti potiti potiti potiti prim pravni potitori propinska popinska propins A STATE OF A SACRETITY AND THAT TATE OF THE STATE OF THE TRACETECTERCAPARAGARATORA PROTECTE VALUE AND ARACTERA AREA CONTRACTORA PRACES TO TOTO DO TOTA DE ACADAMENTA DE TOTA DE TOTA DE TOTA DE TOTA DE TOTA DE CONTROL DE CONTROL DE TOTA DE C ACACTONGTGATOAGCOCAGCACTOTGGAAGCTTTTGGGATCCCAGGAACCATGGAATTATTCCCAAATGGACTCTGACCAG ATTILIGCCATACTOSS SGCTGGCGSSATGSA BGATGGGTACTCA SGCATGACTGGGTATTATTATAAAGTGTGTTTTTT A TEACH STANDARD AND TRESCONDED AND THE CAST TO SELECT AND ALL AREA AND AND TRESCONDED AND THE CAST OF THE AND TRESCONDED AND TRESCONDED AND THE CAST OF THE CAST THEGATACTS: TTTSCTTCTTTCTTATGT: ACTSTTGTGTACTATCTATTTTTCTCCTCTCTGGGACCAAGTTTCTTTT TATAAABCAATAATUTUTGTTTTUATTTCAGAAMATTGTGCTGTUTGTCAGAATATGTATATCAGCTACAAAATATAT TAATATGATI CIGACCITGACT PATAATAAAAATGTAATAAAAATI TOCAAACIAAATGI TIG CCI II IGCAACTUAT 90FF THETTT TO TO ATGADATACT COCTOSTAATST TITSTAARGEACTICA BABAGAAGAC AGAI BCAICATCATCATCATT TO TO TO TO TO TO TO T CONTRADA A LA CACTA TOCAAGGTOGCACC TRITTOT BRAATG TITAACCC TOCIAGTAA I CAACGATGACTTAGTTOGG ATATTTCAGA ACTTTTGTTTATACCATCACGTATGCATGAATTTATAATCTGAAAGAGGACTTAAAATAATTAAAA CTTACCAGCITAAGTGCTAAACTTTTTATTITITAGGTATTTGGGGAAGAACTCTTTTTAAAGTATACACCTAACTGCTI TTTAAAATGAGTACACATGACATACTTTAATTEGATAIGTATTCCODTACTGITTTGGGAGACACTGIGITGAGACCAAGG TCAAAAAACCT GGTCACCGCCCTCCAAATCCTC FCCGFTCCCTGAGGAAGAFDAFATACEFGFGFA FTAGCCACAGTACA AAACAGACTACAACACCACATAGCATGTAACCTTTTCCTGACTAACTCAAGGATAGGCCAACACCTATGGTATTAGAT TOTGOCCTALAGOANTAAGAGTTAGATGCTAAGITATATAGTCCTGGACCTTAACTCAAAIAGCCCAGAATAGCCCTAGTA ACCTAGAATAT TOCTGATTAAATATGCCCTGCT IT NAGATACCIGTTPGTCCAIT PGBGIII GII TT TTACAGTCTCTTTT GTACCACAGT GATACATTTGCTTCATGAGTGCAGGAACCATGTTCACTGCTGCATTCTTACCCCCTAGCCCTAGCCCAACAAA CACACAAAACATACCCAATAAATATTTGTTGAT ICAC FAAATGAATGAATGAGTAG 3 DCTGCT FC FAGAAGTGCACT GCCAATAAGAA TGTAATGCAAGCCACATATATAT IT TAAAAATTCCAGLAGDDATAT IAAAAATAATAATAGGCCAAGT GCAGTSGCTCATACATSTAATACCACCAGTTTGGAAGACCAAGGTGGGCAGATCACTTGAGCCCAGGAGTTTGAGACCAG CTGSSGCAACATSSCTAAACCCCATCTCTACCAAAAAAATTAAAAAATTAACCAAS CGTGSTGSTACTAACCTCTTA CCCABUTACICGGGAGGCTAAGGTGCGAGGATCGCTTGAGCCCAGAAGGTTSAGGCTGCAGTGAGCCATGATCATCGTGTCAC TGCAUTUTACCOTGGGTGACAGAGTGAGACCOTGTUTCAAAAAATAATCAGCATCATAAAAAGAAACCAGCAAAAATTAAC TATTTCCATATTAAGTCTTTAAAAATCTGATGTGTAGTTTGTACTTACAGCACGTTGCAGTTAGGACTGGCCACATTTTA AGTGCACACTA GCCACAGGGGGCCACTGCCTACCATATTGGATAGTGCCATTCTAGAAGCTTTCTCAACTTGGA TGCCTCTGATTTGTGGACTCAGAATACAGATAACCAAAGAAGTGGGACTAGTGTCTGAAGTAAGAATGACAGGGTATGAT CACACTATTICTGGGCCAACTCCCAGATCATTICTCAACTCCAGATAGTTAAGTGGGGAGCATGGTTTTTAAAG TGATGGCACAAAAAAGATATTGAACGTTGGTCCTCTGATTATATATTCTAAATAPGCAGTTAGAAAAGAGGCCTTTTAA GAATCCCTAAGAGTAAAGCAAATTAGTATCTTTGT FTCCTGAAAATTAGAGAAACTTGA FATGCCATGATAGCCCTCTTC GGTCAAGGGTGCAGTTGTCACTATCACATAAGAATCTCATAAAAATTAAACATGAATATACATGCACAGATCTGATTGGGT TTGTCATGCCACACATTGTTTTAAATTCCATAATTCTATTCTATAAA3AGTGGTTTCTATGACAATAGATCGTTTTAAAA ACAAACAAACAAACAAAATTTAGAGTTGTCATTGGTAATTGTGGTTGCAAGTATGCTTTCAAAGACCAGAGCTTTTGTT TTGCTTTGAATGTAATTTTTTTTTTTTTTTTTTTTATATACGGAGTCTCACTCTGTTGCCCAGGCTGAGTGCATTGGCAC CATCTCAGCTCACTGCAACCTCCACCTCCGTGGTTCAAGCAATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGATTACAG GCGTCCACCACCACGCCTGACTAATTTTTGTATTTTTAGTAGTAGAGATGGGGGTTTTACCATGTTGGCCAAGCTGGTCTCAAA TOCTGACCTCAGGTGATCCACCTGCCTCTGCCTCCCAAAGTGCTG

GBAACAATTTDCTCTTATGTTATGGCTCTCTCTAAAGTGTTGGCTGAGCATTGTCCACATGGGTG ATGCAAAGGATCACTGAACTAGGAGCAGTTGGGAAAAAATACAATCATTGGGAATICCTGTAGC atingaatetehntagasesaegtagaagtattoatagaagattofotofotogtottofototototot JEANCCAGTUAGCUANAA GOOTTOA DETGOTTGAAA TGAGAATGG STGGATCAAAA TGGCAGUT CATGATTTAAAGGATTCTAGTCAGATACCAGACATCCTCACATAGAGAAAACTCTGAATGGCTG GUGGAGAGGGGTCAAATGCCCTGGATCTTTTCTTGGGCCTCAAAGTCCTCCTTCTRTCATCA TCCTTCCAGTATTG3GCAGGACC1GACTGCAGGCATCAT65CCTCTGT6AACTTC1CAA66GTA TGTATTATCTGACAAAAACTACGATGTCCACTAACAGGCCACTGAAAGGTATCTTAGTCAGTTC TGCTCATTGCCCAGCCAAGGCCTACGTTTTATAACATGATATCAAAGATTGCATCTAAAATTGT CATGATTTCUTAAAATAATCATIICATTTAGATTTTCTATTTTAATCCAAGGTAITCTCAGC SCANATAAGGAAAGASTTTACTOTOOCAGGAAACOTTGSCCAGTA DCA FUGACAGAG PATAAGT ACCTCTGGCTTGCCJTCTCTTCAACTAGTAAGTATGAGTTCCAGGTTTACTTAGCGAITGGTGA AGTSCAAAAGTGCCCAGGGTATGTGTTTGCCTCCTGTTCCTTAGATCTTCCTACCATDACCTCA CATTOTCCAGTCACCAGATCCTAACTCTGTGACTGTGTCCGGACATCAGACAATATCCCCTCTCT CTCTCTCCCAACCGGTACTTAGGGTACATAATAGAACCTCTGGGAGCTGTGGTTTTGATGTCTC TABACTAGGTGGGCTTCCAGGTGAGTCTCATCCAAATTATGGTTCATATTTGGGGGAGAA ATAATAAAATTCACACATTTTAGGTGTACAATTTGGTGAACTTGGGGCAACTTAGAGTCACTTAA AA TOTOOTOTOOOOAGGOQACACCOTOCAACTCACGCAATCTCTGAC FOACTTCTGT DAOCATA GGGTGTCAGTCTGTCACCCAGCCTGGAGTACAGAGGTGTGATCTCAGCCCCACTGCAACCTCAAC CTCCCAGGATCAGATGATTCTCCTCCCACCTCATCCTCCCAAGTA 3CC33GACTACA 3GC3CAT GCCACCACACCTGGCTAATTTTTGTACTTTTTGTAGAGACAGGGGTCT JGCTATGTT3CCCAGG CTGGTCTTGAACTCCTGGGCTCAAGCGATCCTCCTGCCTCAGCCTDCCAAAGTGCTGGGGATTAC ACTGAGCCACTGCACCTGGCCCTAAACCTTCATTTTTAAAACACATTTCCTCTTAAATTGAAGA TTGCCTACATTTTTATATCAATGCCAATTGTTGAGTGTGCCTATATGTGTTATATTATTATTTGAGC ACTAAATGCCAGATGTGCCCAAGTGAGATAAATCTGACAAATGAGATATGTTTTGTAAAACCAGC AGTGAATA FTCACTTCCTCTGTGAGAGAGCTCCAGCCCTCCTGTA DTCACTTCCT DA DACAGCA CAGCAGCACTCTTGCTGGTTCTGCTGCTTATCTTGAAGAGGTTAGGTTACTTTTIGTICTACT TATTACTTOGAAACCACTTCTGCCTTAGAAATTTTGTAACCTTCDGGTAACCG CCATTTTGTCTCCTGTAACAATTTACGCGCCGTGTAACTGTGAATCTTT

```
------20
LCLASP5
                                     -----MAERRAFAÇKIBRTYAAEVRKQİSGQYSGSPQLLKNINIYG 41
hCLASP3
                                      -----23
HCLASFY
                                     -----MAASERRAFAHKINRTYAAEVREQVSRERSGSPHSSERCS331 43
                                     MSFRSKVFKREPSEFWKKRRTVRRVIQEEFHRFSSQEKPELLEPLD/ETVIEELEKT/EN 80
hCLASP1
SILAPF4
                                              -----BTY FECALERACY ENDINE OF THE STY FECALE HAZING FOR THE CONTROL OF STYLE AND A STREET OF THE STYLE AND A S
ECLASP5
nclast*
                                     N-------, SHBTTVPLTEAMOPADLEONLITHPLAMOSGELEDLEST 80
hCLACP2
                                                        -----TYPAKAEBEAQSLFVTECIETYNS DWHL/YNSK 55
                                     G-----VPLTE // ÉPLDEEDVILLSHPP DAEPGEGEDIMERP // 79
nCLARF7
hCLA FF1
                                     DPLQDLLFFPSDDFSAATVSWDIRTLYSTVPEDAEHKAENLLVHEACKFYS?OWHYVYYK
hCLASE4
                                     YEDFSGDFRMLPCKSLRPEKIPNHVFEIDEDGEFDED-----S38LG8QFGGVIK]G 105
                                    DDDLDVVFTPkECRTLOP-SLPEECVELEPHVC
hCLASE5
                                     hCLA:F3
                                     YEDYSGEFRQLPNKYVELDELPVHVYEVDEEVDEDED-----AASIGSÇKGGITKES IG
hCLA:F2
                                    ADDLELLLQPRECRITEF-GIPKD-EKLDAQVR-------AAVEMYIF DWVI 12:
hCLA:F7
hCLASF1
                                     YEQYSGDIRQLPRAEYEFEKLFSHSFEIDHEDADKDEDTTSHSSSKGGGGAGGIGVFK(G,180)
                                                                                   :* . ::* .
                                      :: .
hCLAFF4
                                    WILHEADVISTIT--"TYME VEFFREYFYLT QLEIDESYIINSYFDER NSKESK-GCIYIDACI 160
                                    WNEKNOGSPEIC-GFEETGSEKDFHKT-LEFQTFESETLEGSEPAAGA-GFEELDWYG 118
hCLA:F5
hCLASE3
                                    VIRKYHKLGTGF--NPNTLDFQKERQKG-LSFQVFESDEAFDGMSYQDDQD51FEESM*1 185
                                     WLYEGNMISAIS--VTHESFEEFFEHLIQUGDGSYNLNFYEDEFISKEEK-GSIFILUON 164
hCLASF2
                                    WHERYQYLSAAY--SPUTTDTQEERQEG-LPHQVFEQDASGDERSGPEDSMDSERGSCR P 179
hCLASP7
                                    WLYKGNFNSTVNNTYTYRSFREAYFQLTQLPDMISYIMNFYFDERISKEPK-GCIFLDOT 239
hCLASP1
HCLA3P4
                                     DVVQCPFMRFHAFE.FILDFYSHYLAAETEQEMEEWLITEKFIIQINTESLVQEFFFFTE 221
hCLA3P5
                                     DVSGKGFVTACDFILE: LQFDKRLENLLQQVSAEDFEKQNEEAPETN-----FQAE 169
hCLASP3
                                     DDTPRGSWACSIFDLENSLEDALLPNLLDRTPMEEIDRQNDDQRKSN-----EHRE 234
                                    GUNQNNKVRRFAFELLLIGDKSSYLLAADSEVEHEEWITILNKILQLH----FEAAMQEK 219
HCLASP2
holadra
                                     EDTPRSSGASSIFILELLAADSLLPSLLERAAPEDVDRRNETLRRQH------RPPA 230
                                     GVYQNNRLRKYAFELFMMDLTYFVLAAETESDMDEWIHTLNRILQISPEGFLQGRESTEL 299
hCLASP4
                                     TACODETSS----QGRAENIMASIERSMHPELMKYGPETEQINKLORODGHQNIFSFOSE 278
n TANTS
                                     IFALYERUI----EETAVEIRFUPERFKEHLG-----N----EINKINTIKFEIE RI.
                                     DEADERUNG----REED DER LOVER DE KERRG------ER MAYKOLELE FRIE 7 ""
1 11 70 17 1
                                     BUST TO BE THE HEALTH SET OF THE 
                                     TIL HIRITINGET E TEFFTERSERNINGARRIERT TETFFETIETENMILLIFELLE. . F. -
h.TLASF4
                                    VQFLDFS----GIE: DJEP-FEEKONKRFLYNCHDLTFNILGQIGDNAKGPPINVEPFFI [53]
ECLASES
                                    IEPLFAS----IALLDYKERKKISENFHODIN: DQFKGFLRAHTPSVAAGSQARSAVFSV 268
                                     IPPIFAS----LAUSDMKEKKKISENFYFDLNSEQMKGLLEPHVPPAAITTLARSAIFGI 330
BULARRY
ertare?
                                    A_FIFF:----AFFEVET-FFEKFORKILVKONEL.FNI@TOVAENEEGFTINVKFFFV 4.
                                     TEP IF AL ---- ALL OVERHER TO PREY HOT MODEMEN LI FAH STUPATOTI ARDATECT (ARDATECT ARDATECT A
ETHASET
```

```
MUALFOVENMORICAL PHULLMERSVREMLWGSSTQLASIGSP---KGSSPESYIHGIAE 390
1. MARF4
                 TYPSSDIYLVYKIEKVLQQGD----IGD MARPYTVIKE (DG-----GKSKE-KIEKLAL F17
hOLASE5
holasp:
                 DEPARTMENT KLEFT TO OCH --- THE PARE MIFKENDA-----TRINKE-KLEKLKS 182
LCLASFE
                 TUSUFDIKYNRKISADFHVDLNHFSVFQMLATTSFALMMGS---+-GGOKSVLKGULHE 381
                  Typoldiflyielekylöggi----.se darpanyielekyda-----aray/e-yleklri. 378
BALLASE 1
                 8.7ALMDUROGRE19ALFHWULNHAAVRQMLLGASMALEMGMIDTITPRESSEPHIEGLPE 479
hollas P4
                 COLECTION OF SUPERPOSE MARIER PLAGNITH CAMPUSES DEVELON CHRIST 450
B.M.ASP5
                 JAESTOJA----LORJEMPFANARIS. KOFFINSTLEREJTONDSVVOR PROBERTIA 372
hCLASP3
                 QADQECQ:----UGK::RMPFAW::ATEMINIM:SAGSLERDSTEVEISTG::RK::DW0ERR: 437
ECLASP2
                 AANQYPKUGIFSYUCPHPDIFLMARIEKYLQGBITHCABPYMESSDSSEMAQKCLKNAKC 441
                 AAEQFCIN-----DGRIRNPFAWIAVHLANIY BAGQLDRUSD----SFGEREFAWIDER 429
hclasp7
hCLASP1
                 EWLEPPE JAVESVINPHSBIVLVARIEEVLINSHIASGARPKIENPDSNEVAQKILKSNEQ 539
                 VOSELS ARMERALAAR FEEDLOGSLOUDGERSPLYK ODESELS SEDTLE LIE EYEE PE
HCLASP4
                 QBRELSERALSILEONGYGONERT -----TIBY SOFFRÆ DE IS DEDLEY FLADYES SO
BBS IVSKALSILE TIBGDDACKLTUUR-PATIUTY INFFRÆ OFLIS DEDLYF FLADYES ES
hCLASP5
hCLASP3
                                                                                   196
                                                    C MATYRODONE LENDONGE BLADER EL
                 ACCALGO RMPPAWAARTLEFFAL CHLPENAK
hCLASP2
                                                                                   50
                 ---REGPO--DEAUSODDACKESSEE-PATLS/CNFFKOEABELSDEDLFFFLADMLEES
hCLASP7
                                                                                   483
                 POSKIGAR RRAHAVAVRSMEEDNOOMVDROSKERSPLERQER SEISTEDLVELVEDYRSAD 599
hCLASP1
                                                     1 11171.... 171 7111
                 --KTF Dg11PGgD11TVECVFVDL0NC1TSSYYPLKPFE-FNCQNITVEVEEFUPENTKY 567
hCLASP4
                 SLOREVECTPGLIBLE ISTAILS INCCITTENLEVERPEF-ENFTFERRELLEFI-TSEV 484
hCLA:P5
hCLA: P3
                 SMURROLS ITA CATO ISPARENDES CHIPELDQVKLY: -0SEMPETREILEF! --ASOM -0.53
hCLA.FP2
                 K-MARLETILGEDITT DEVSSEEPENYVESSYLPTKOFETOSKTFITFLVLEFVECIEKE 560
hCLA: P7
                 SLUREL-SVTAPLFIDISPAPENERFOLSPELLHIKPYF-DFRGFFTFEILEFF--AFEV 540
hCLASP1
                 L-ISFINGTIPG LOTANDIMPLEHENCY TSSPIPMERQTELIVINEEF NOSIKY 658
hCLASP4
                 CMPFTILENHERM PIQLEMOSQETFAFARMAMOVEFADEBESIASALE IYOFHALSV 507
hCLA:P5
                 YMPHIMENILEMERÇELMEVN--FLASARNITIFIQFMÖG-EDASMAMHMIFERSEGFE 541
                 YMENTITE NILE DEPOS INFAN--ACGS ARNOTIVE VQEMYG-EDESNAMET IFSESSICSE ($10
hCLA3P3
                 TOPYT NOTHER WYPRYLLYDS OFF FAFARNIAICIEFRD DEBESOPIE (IYO EPOGPV 620
hCLASP2
                 YAPET SEENLEYVYPESLEESS -- EQGS VRILAVEVQYHTG-EDPSQAI PUIFOKSSOSE 597
hCLASP7
                 CRPYFYTENGIYITPEHLEYDSQRCFNEARNITYCIEFKNODEESAEPIECIYGEHEGPL 718
hCLASP1
                                                ***:: ::: . *. :..: *:*:
ECLASE4
                 FITTNEYAYVSHHNONEEFYDEIRILLPIHLHOFHHLLFTFYHVSCHINTROTTREODTME 687
hCLASP5
                 FLQEMYTAVTYHNESEDFYEEVRIKLPAKLTVNHHLLFTFYHISCOC-----FQGASME 595
                 FSKEAMTAAVAUHMROFMEHDEIKMELPAMLTIGHHALLETTFUHMSOOK-----KONTELE 664
hCLASP3
                 FTERFERANTHER, NEFETTER KOLLET, LELEBELLITETERSCINSER STEFETY
E TLARES
                 etrekarravu edelgeranerele lav vur mellemaravut ======= par 4
. ". A:":
                 BROADMANDER, NE BESCHREELETVE EFFELETVE EFFELETVENDEN DOU INAFFRANCE.
                         Chygrafyfileigiitfeogle ganlercynnlndaesrrocnu belydcafellk 747
5. DAJE4
hwLASFo
                 TLLGYSWLPILLNERLQTGSYCLPYALERLPPNYSMHSAEKVPLQNEPIKWAEGHRGVFN 655
hCLASP3
                 TPVGYTWIPMLQNGRIKTGQFCLPVSJERPPQAYSVLSPEVP---LIGMKWVDNHKGVFN 721
                 TQVGYSWLPLLKUGRVVTSEQHIPVS<mark>ANLPSGHLGYQELGMGRHYGPE</mark>TKWVDGGKPLLK 740
ECLASE2
                 TENGETWIPLLCHORLETOPESLIVOVECPPREYEVLTEDVA---LEGKRAVDORKGVES 776
TUV SVANJEIMERO, IANJEYNIE IADOLE ENGIGELGVA---LEGKRAVDORKGVES 776
hclass?
                 * :*::*:: . :: :
```

: * : :

holasia	FESHLESTIYT TOLHWEKFFHSTTLITSGSKEVFGELIKYLKOLHAM 794	
HOLASPE	IEVQAVSSVHTQDNHLEKFFTLCHSLESQVTFPIFVLDQKISEMALEHELKLSIICINS: 715	
LCLASE3	TEVVATSSIHTÜDPYLIKFFALTNALDER-LPFUPIGDMEIMENNLENELKSSIBALNS; %80	
hGLASP2	ISTHLUSTMYTQDQHLHNFFQYZQRTEDGAQALGNELMKYLKSLHAM 280	
HCLA3F3		
	TELTA SSTHEROUPY LLKFFTLUHULEEG-AFPFFLKOK "LKEGN"EGELKASLALIKLA \$67	
mCLA3P1	VSTFVMST NTQDPH/NAFFGEGGKREFDMNQSPTSNFIESCEMLENTD 887	
	the state of the s	
hCLA3P4	EIQVMIQFLPV.LMQLFR8.DDVP 824	
hCLA3P5	RIEPLYLFIHIML # IFPLSYQPMVIAGQTANFSQFAFE (MMAIANSLHMSKDL & DQE 3-775	
hCLA3P3	OLEPWARFLHLLLELILLY, RPPVIAGQIVNLGQABFEAMASIIMRLHKNLEGUADQHB 840	
rung pal	ECHNYCLAFUPT INCLFVLT-RATQEEYA 316	
nCL33F♡	SHEPLMAFSHHMLLKLMFLMIRPPIISQQIMNLGRQAFEMMAHMMSLMHRSLEAAQDARG 327	
hCL43Pl	KIHAIMSFUPIILNQLFKHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH	
	. :: * :*::	
hCLA3P4	INCTMY-LLHIMSECHEFGLDSYLRSFIETSFEPEEP 360	
hCLA3P5	RNCLLASYVHYMFELPEVQRDVPESGAPTALLDPRSYHT (GRTSAAAVSSELLQAFMMS) 335	
nCLA3P3	RNSLLA 3Y1HYMFELPNT YPNSSSPG-FGGLGGSMH: ATMARSAMEPASLNLNE, BEBLSD 199	
h	VNVTRV-IIHVVAQCHEEGLESHLKS:VE:AEAEFI 352	
hCLA3P7	HCPQLAAYVHYAFELPGTEPSLPDGAPPYTYQAATLAEGSGEPASLYLAE (E. 18.) 383	
hCLA3P1	TTYTRV-LPD1YARCHEEQLDH3VQS7IEFYFXTEAC 352	
	0.0 m	
HOLA3P4	SAPQAQUIH	
hCLA3P5	SNPDLAGTRSAADEEVENIMSSEJADENCSRMSYYCJGS.DAPSSFA 882	
hCLA3P3	SNPDIGGTPTSPDDEMRSIIGSKGLDRENSWYNTGGFKAAPWGSNPSPSAESTQAMDASC 359	
h@LA3P2	VASEYKTVHEELTESMTTILKPS	
hOLA3P7	SNPDLAVAPGSVDDEVSFILASKLLHEELA-LQ	
hCLA3P1	KER?VI,ELLAENVTGLLKSN	
hCLASP4	WFFFE::AESM 407	
	APREASEMENTEELALOMVVSTONTEN 310	
hCLA3P5		
hCLASP3	NRMSSHTETSSFLQTLTGRLPTRKLFHEELALQWWVCSG.WRESALQQAWFFFELMYESH 1819	
hCLASP2	WFFFE LIKEL 359	
hCLASP7	WVVSSSAVREAILQHAWFFFQLMVYSM 1442	
hCLA3P1	WFFFAIILKY	
	Cacherin Cleavage	
hCLA3P4	ATYLLEENFIKLPROOMFPETYPHVLHSLLLA: IPHTIRYAEIPDESRNVLYELAS 364	
hCLASP5	ATTIBBERT TAMEROGE FESTE EVENTE EVEN SEBBATTER TERMETPUB ROWLED BAC 504 AQHVHNMDERDS FERTE ESDRENDDITTIVNWTSE IAZLINKPQKENEQAEKMI ISLAF 970	
HOLASPS	UHELYENDELEAFEKSEFERENDS LAALVSTLASDIVSEPTKSTEMVERLYTELLE 1004	
in land	A THI TENSE AKT I SAGREGAR A REPORT OF A STATE OF A SECOND SEVER CONTROL OF A SECOND SECO	
holi seli	The first of the first and the production of the first and the second of the first and	
1. 11 1.11 1	A, HI, II TRE I, THE SECRETE SEE SECOND IN INVIDENTIAL ENTRY SEE INDAMEDIAN 15%.	
ESTI AST 4	FIRE UTIMOR GRIEDE INDVINGES PROFRVIARYREEL TIONHEHVIPLNI 101.	
HOLASPS	FIGURE BILDS OF SECTION IN SECURITY FOR THE FIGURE FOR THE BENDER OF THE FIRE BILDS FER VINITUAL TO FER FER V	
HCLASES	FINDELBYMORGEVER I KSCYROVSSKLYSIENPSVLVSLRIDFIRI ICSHEHYVTINL 1104 FIRKOFTEMORGEVEROINNY IOGFARGORKUNEEYFEELFYVONHEHVIPINL 1011	
H-1LASFI		
Hell A.H.		
1 117,111		
	ta i aasatti alka sa ka sa ka sa ka sa ka sa aratta a sa sa ka sa	

```
Cadherin E3 motif
                            FMAFAKEKLQR------VQDS--NLEYSLSDEYCKHHFLMGLLLRETSI 1060
n.31.4914
nol43F5
                           FFMMADTAPTSP--OFSISSONROSOSSFQDQYJASMODLISEYRQQHFLTGILFTELAA 1985
                           FISTUTEFASEMESVSSATEČESSESTNYČEČĶIAMMELIVPESČČKYLAGIMLTĖLAV 1196
FMPFIKORIOS—————————YQDL—QLUVSLIDEFORMAFLMGLILREMGT 1952
holksp3
nollage2
                            FUCTLOPPASP PROVESTIS QUETFES QAPDPHIVISM ELEGPFEQQHFLAGILLITELAL 1119
molanty.
                           FIRSANIPOPLIP-----SEG----TQELHA. DMPENSVINEFOREHFLIGILLRE GF 1157
hCLASP4
                           ALQDN----YEIRYTNISMIENLLIKEAFDTRUGHKMQAKIAQLYLEINGLLLENIQRL 1116
ECLAPPS.
                           ALDAEGEGISKUGEKAVSAIHSLLSSHDLDPROVKPETTYKIAALYLELMGIILDALP== 1143
                           ildpdaeglfclack/inmvhnblsshdsdpR.sdpQTraRvamLyDpDJGIIMETyp-- 1254
hCLASP3
                           ALQEFR----EVELIAISVLENULIKHSFDDRYASRSEQARIATLYLDUFGLLIENWDRI 1.08
hCLASP2
hCL45P7
                           ALEPHAEGAFULHKKAISAVHSLLCGHDTDPRYAHATUFANVAHLYLPIJH, IARDTIP-- 1170
hCLN3P1
                           ALOEDO----D
                                               WERLALAWIENIMAKHSEDORYREPERÇAQIASIYMUNU MLIDNIERI 1813
                           AGRDTLYSCA-----AMPN-S----AURDEFPCGUTSPAMEGGIA TDKDTAGGS 1160
hCLA3P4
                                        -----COSTVADTES ETSGSL---- 1.62
hCLASP5
                           -----DETECHNQEGERICIATIO-- 1270
hCLASP3
ECLASP2
                           NURDVSPERVNAGMT KOESLALPA-VNPL/TEQEGGTLDESLEKOLLGALEGIASFTTT 1160
                            -----DMARCPGQs: E.I.A.3MLD: DTE. 12:01
HCLASE"
                           YIKDLYPETVWYCMQ GRODLSTNGGFQSQTAIKEANSVDISFBKOVIMI TAAFSSTAIS 1273
HCLASP1
hCLASP4
                           FQ-NGEGIKREDERG..LIPEGATGFPDQGNTGEN----TEQUSTE.: V:QYNELDQYE 1215
                           ------ GIVLSS LITEGYNMLBADT 1208
hCLASP5
                            -----POSES GSMI SQTVAMALAGTS VPQLTR----POSELLTS TOGE QHTT FS AES 1324
hCL4SP3
                           STPMINSVENADERG. LISTOSGNSLPEFNJEFSNSLDFHQQSOTLORGATEODFLDQSE 1225
hCLASP2
                            -----GDGDIAGTINPSTAMAIAGGFLAPGSR----A. ISQGPFTAGFAGCALFAES 1249
HCLASE?
                            ----TVNHADS RA. LASLISHPSTNERSBERTDNOER FFFDALLOUTLEFDELD AE. 1327
bCLA3P1
                                           . : . :
                            drslimovily Dyrmi, EdulitywnkyseqelinililibuyClyhfeningaeniaryhda 1873
hCLASP4
                            TRNEMICELWIMENA: OSDIEKWIADLESTQUNRILDLEFICVLOFE: EGEGGSUK
hCLASP5
                            Skillicliw/lenadetylokwftdlsylolnrllilly:cvscff:kGffyferhusl 1384
hCLASP3
                             TESTLMOFLYTLESM. DOALFTYWNKASTSELIDFFTISENCLHOFONIGFEYTARDJEG 1787
hCLASP2
                            SRTLLAGVLWYLKNTEPALLQRWATDLTLPQLGRELFLLY: CLAAFF: KGFFAFERINSL | 1:09
hCLASP7
                             rslimofihimati: yetliaywqrapspevsdffsilimolqnfarigaeniirkiaa (1587)
                           WILTPHFULLF-----FSITMFALENERSCH ÇALIÇH SELESE----- 1 1.
BIND AGES.
                            UL, KURTURASH--- ------IMBALLRGESAR SEMISPRAPGIONEFFELDEN--- 1:1
a TATE
                           TERROTTAR AR----- TERATURITUAR IRTURE PREGREGIED---- 1 3
                           ASPEC, LIMESTER INSCRIPTION OF A LEGILLAR WITH STUBBLE THE QUESTION OF A PROPERTY OF A SPECIAL PROPERTY OF A S
                           -----FTIMHSSTOTEADIFHQALLEGNTATEVALTALDTISFFTQCFKT, LL 1959
MCLASP4
                           --INWEFECTHWE AND EXCLETE ADDIEST ISSNIATE AND LIDER TO ASS-ALD 1869 FOR EWEFT WITHWE INTERCOPPARTE HEALT CONTATE AND LIDER TO ASSESSED 1869.
holares
n TAN -
                           -----idenerghed accurantate/fitalitalitaleffulefile 1971
```

```
NNDGHNPLMFFMFDIHLAFLKNGQSEMBLKHMFASLRAFISEFPSAFFEGRVNMCAAFDY 1419
hCLASF+
                           CEOS---LLGGTLRVLVNSLNGDQSTTULTH FATLMALIAFFGDLLFWEEVEQCFDLGH 1425
ECLASP!
hCLASP:
                           SKES---ILGGVLKVLLHSMACNQRATLLQH :FATQRALV3KFPELLFRERTE@CADLOL 1546
                           ACHGHMPLMKKMFDVYLCFLLKHQdaTALKNVFTALFGLIYAFPSTFYLGFADMCAALCY 1451
hCLASP:
hGLASP"
                           ARES---VICEVIEWVINSTEERAQUATEEQHULATQRALV. EFPELLFEEDTEDGADLUL 1464
                           QCDCCNSLIBEGFLTYMLFYQMNQCATALEBYFAS LELFVCEFPSAFFQGFADLCGCFCY 1566
HCLASE:
                                                                         * : ::: * :: **
                          EVEKCCISHISSTENEASALLYDDHEDDFHYYKFFITPLRIHDQIJIAW QLIADVAUSGS 1479
hCLASP.
                           QVLAHESS MEVTESQACATIVILIES--FOR MATS NEARVEHQVTMSLASLYGPAPDENE 1483
hCLASP1
hCLASP!
                          RLLRH'35 (ICTIESHPSASLUMIN -- ONFELOMMFARVENOVPMS), SLYGTSQNFNE 160-
                           EILECTNSKLSSIRTEASQLLYFLMENDFDYTGEESFVRTHLQVIISV: QLIADVVGISE 149:
hCLASPI'
                          RULEH: GSRISTIRTHASASUYLLME-- 20FEI OFNFARVENQVTNSAL SIMGTTQNESE 1521
hCLASP'
holasel
                          EVERGINHES FOROTEAS ALLULFME FUST FURGERIVES HE QUIRAMO QUI ADAG-133-161 *
                                                SEFCES LFI INNEANS DE PORATARS AND DIVINE INTUINATAQME E EN DE MUIDUQ 1500
hoLA. F4
                          ERLERS LRUITAYS DEDUAMONUPPE TOUTEDLE NEWS HAS INSTITUTED REPORTED AND 1844
hollad F5
                          ECLERALKULLTYAREDIELRETTE DO QOLVENLEMILS DIVEMBERGE DE MUIDSM 1666
hillsti
                          TEFCOSES HINDCANSDELLEHTSF: HOW DUTYFIE TVINATAQUE EHEMDPHMLVDLQ 1551
hULASE2
hCLAFF
                          ERLERSINTILTYAREOMGURDS TYARQ @OLMTNIHMILTPTVYHKEHQEPPHMLIDIM 1581
                          SEFQESLATINHEANGDEQUEUS NET ABTE DISTERIE TOMATAQUIE HEB LEPTILLUDIQ. 167\%
hCLASFI
                                             .... : * - *.:*:*.::*****
                                                                                trail memberane
                          YSLAKSYASTERLEKTWIDSMAKIR KISHĒJEAAMSYJRVAALVAEFIHEFK----- 1595
hCLASE 4
                           TETAKSYÇASEDLELTÜLÇINMALKETLEKÇYTDAANOLMBAAALMADYISMLEDH---- 1598
hCLASE5
                           YELANGYOTSEE-ELTWLONMAGERCHEILHADAAO LURCAALVAEYLSMLEDR---- 1716
hCLASES.
                          YOLAR SYA STEELERTULDSMARIRURIOL SEARSSYVEVTALMARY TERG----- 1600
YETARGYYOGSEDLELTWLONMACKBALLOSHARAAQOMMBAAALMARY ALLERQ---- 1650
hCLASF2
hCLAJFT
                           TSIANGYAGTPELERTVIESMAR HARBUIL BAAMUVIRIAALIABYIKEKOYWEYEKI 1750
hCLASF1
                           hCLASE4
                          -----DPMOSSAFFECTION DEEGAMEE AGMIN---- 1621
                           -----: LEVGLYSECTION OF THE SVY EITH PROBES 1635
hCLASE5
hCLASE3
                                +----P---P---PILEGI 1755
                                             hCLASF2
                           hCLASE7
                          CTASLLSEDTHFCDSNSLLTTFSGGUNFUNGNPAFY. ITENIELEGAAFEDSGMHD---- 1795
hCLASF1
                                                                                                                      MATI
                          ---VHYSEHVLLELLEQCVDGLMKAERYHII EISELHYHILEFRREFRKLTQVYXTIHS 1679
hct.asp4
                           CACCYFTE, SINGLINGARELES TROLYDYD ENGY DAID LLEABREIT FLTE
                                                                                                                     наки∤оч 100-ч
h71.3995
                           TO SAY THE SUPERING ARCHIMA MY LAW EVEN DUE LIBRARIAN KUDT
                          ---trinemingeriumgerimkservalining bilamfergroffkind Myd<mark>i</mark>as
                                                             . . ** : :: *
                          ITAM 200k motif 200K rotii 11AAA
ARTKILEVIHTKKKLLGTEER ARMGONOFEHEIGFEMILEER LTGLHEISLELVELIG 1739
ARDSIMKBH-KRMEGTMER GERG-SKEGDLIEGEFMIKERAITKLHEISHELEAFIG 1750
httLASP4
hCLASP5
                          APORTHEDSTANDED TO FER SENG-TREGOLIDGET REPRITIES FOR 1612 1613
hCLASP3
                           ABORDOR SCOWER OF STREET OF A BEFORE TO A SECOND SCOOL OF THE SECO
L. T.AIT
```

FIG. 8 (5 of 6)

```
HCLASP4
                 EREGIENVKII JOSOF ANAKETOBEKAHIÖN AKEALEOKETTEEKUELEENHISELA 1038
 hCLASP5
                    GAEFVEVIKOSTEMOKIFLDEMKAYIQI
                                                 PENER FDEYEMKDRVTYFEFNENLRPEM 1810
 hCLASPS
                 ERESEDVVENIEDSNE'DK FLEEN AT 1QI
                                                  VER FOTYEMKORITYFORMYNLRAFM 1930
 hCLASF2
                 DEEGEENWEMIC DEGEMNERTIESE ATION
                                                   WIH FDEKELQERKTEFEFSHNIRFFM 1776
 hCLASP?
                 EREGLOWYELIKOSYEVOK KLISOFA: 101 P. MERYFOTYELKORVTYFOFNYGLRTFL 1851
 hCLASP1
                 DEFGADNIK: ICDSNKVNES ILCPRYALIQUE MTHEFEEKE LEDEKTDFEMHENINEFV 1972
                   dra i ristita ki osa osesa kank
                 FEAPYTLEGH KOSCIEROCO PRILITIONSER VEKFIFINGEQQIMERPIDSATDEIKD 1859
 hCLASP4
 hCLASP5
                 YTTPETLEGEPRGELHEQYERNIVLTHHAFF IFTEISVIQKEEFVLTPIEVAIEDMKE 1870
 hCLASP3
                 YOTPFILEGFARSEIREGFFRKTILTICHAFF IFTRVNVTHKEEITUTPIEVAIEDMOK 1992
                 SEMPFICIGHROSSVEEQCERRI: LTAIHCEP VEKRIEVMYQHHTDLNPIE 'AIDEMSE 1830
 hCLASP2
                 POTPETEDGEAHSELEECHERKT.LSTUAKEPTETRIRY THREETYLTPVE TALEDMOK 1911
 hCLASP7
 hCLASP1
                 FETPFTUSGKEH3GVAEQCERRTILTISHLEPWVFKRIOVISQSSTELDPIEVALDEMSR 2032
hCLASP4
                 ETABLQKLUSSIDVL4.2L, LKL.GWYSVQVNA WELAYASAFINDSQASKYPPEKVSELK 1919
                 EPLQLAVAIN[EPPEAKML[M7L,GFFGATVN] FELEVA MFLAEIPADPEDFEHHNELR 1930
hCLASP5
                 ETQELAFATHIDPADPEMLIMVL.GOVETTVMQ VELEVA VELSEIESDEKLEEHHNELR 2052
hCLASP3
hCLASP2
                 FVAELRQLISSAEVDMIKLCERL, STUSYCVNA SELAVAS AFLDDTNTKKY PENKVKILK. 1890
hCLASP7
                ETEELAFA TE IDPPDARTILGMYL, S. VIPTVNQ SELEVAÇ VELAELFEL PKLFEHHNKLE. 1971
                FVSELINGDOTMEEVDMIGLCDELCS VSVKVNA SMAYAFAFLEETNAKKYPDNQVKLIK 2092
hCLASP1
                                    Coilea-coil
hCLASP4
                CMFRKF1QACSIRLELNERLIKELOVETHEGIN: NFRLMVFELSDIJHEQILQEDTMHSP 1979
hCLASP5
                ECFKEFIMECGERVERNFRLITAL GREY QUELERN YNELFENLRPMIERKIPELYRPIFR 1990
                LOFEDFTKE CECALRENES LIGPY DEET DEEL GELOSP----- 2090
hCLASP3
hCLASP2
                EVFEQFVEACG PALA NERLIKEI QLEY DEEMKANYREMAKELSE MHEQICFLEEKTS- 1949
                LOFKOFCKACHOALRANKALIGPT OKEYHRELE: NYCKLREALQPILITQELPQLMAPTP- 2030
hCLASP7
hCLASP1
                EIFRQFADAOGOALD"NERLOKELOLEYQEELR. HYKDMLSELSTVMNEQITGFDDLSKR 2152
                                       PI _ligand
                WM3NTLHVFCA:SGT:SDRGTGSF:MAEV-- 2018
hCLASP4
hCLASP5
                VESQKRDSFHRSSFRFCETQLSQG:----- 2(15
hCLASP3
hCLASP2
                VLPNSLHIFNAISGTEISTMVHGMISSSSVV 1980
nGLASPT
                --PGLRNSINPASFRADL---- 2(4"
                GVDQTCTRVIShATPALPTVSISSCAE ]--- 2130
```